Oil, Paint and Drug Reporter

The Chemical Market Authority Since 1871

ABC

Volume 146 No. 4 — Schnell Publishing Company, Inc., Publishers — July 24, 1944

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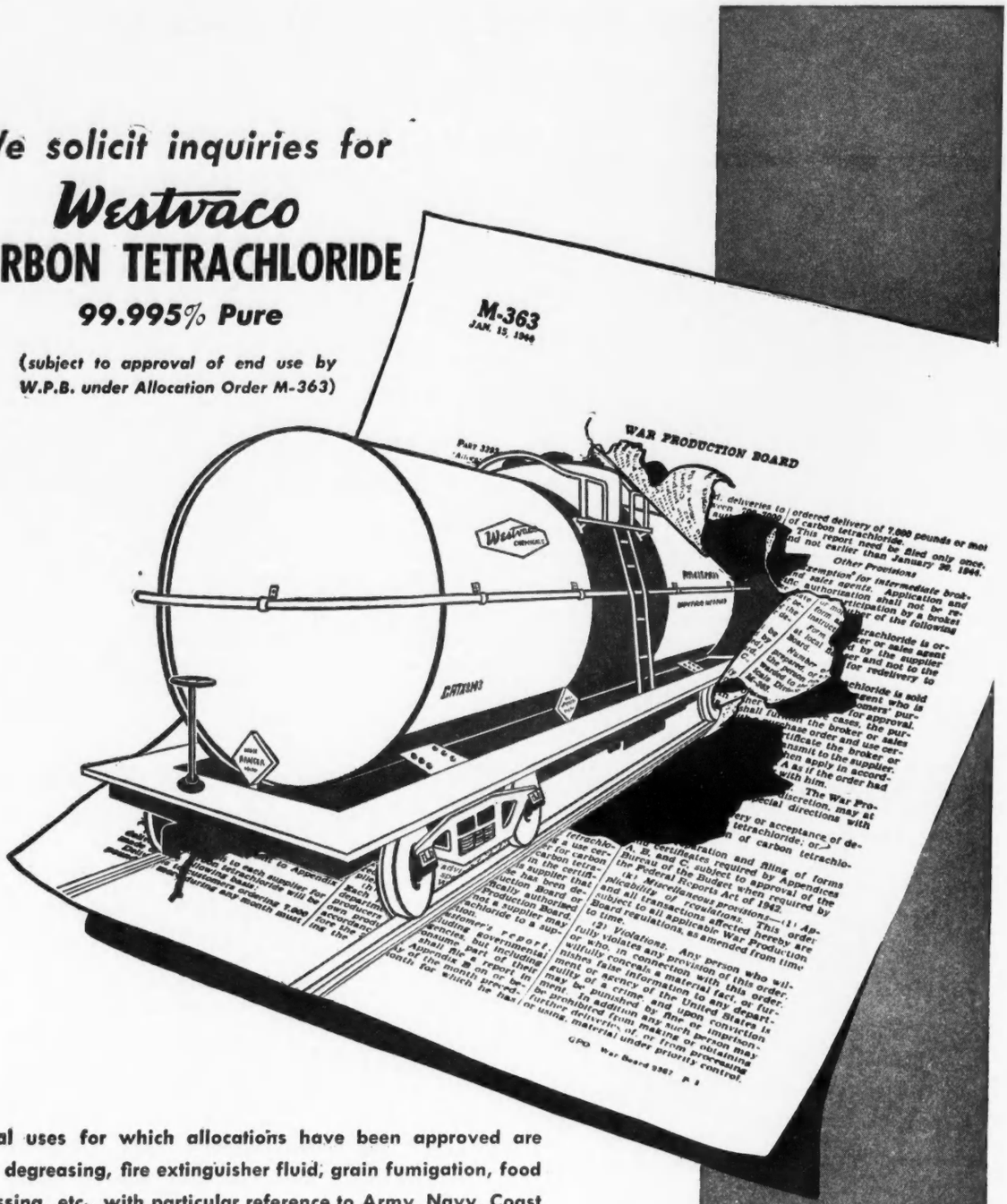

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Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison ABC *Published by Schnell Publishing Co., Inc.*

Vol. 146 No. 4 | New York 7, N. Y. | July 24, 1944

Rubber in Postwar London Parley Theme

OPD Washington Bureau

Exploratory discussions of the problems that will face the postwar world in rubber, both crude and synthetic, are to be opened in London shortly, it was announced July 18 by the State Deaprtment as plans were made at the same time to renew negotiations with a British oil delegation in Washington next week on an agreement for postwar development and operation of world petroleum reserves.

No date has been set for the start of talks on the rubber problems themselves and for the present the program is only to meet with officials of the British and Netherlands governments to draw up an outline of what these problems might be at the end of the war. B. F. Haley, chief of the department's Commodities Division, will leave for London later this month to open the discussions. He will be accompanied by W. T. Phillips from his staff and the following group of advisers from the United States rubber industry and from other interested government agencies:—

P. W. Litchfield, of the Goodyear Tire & Rubber Company, chairman of the advisory group; John L. Collyer, president of B. F. Goodrich Company; Harry E. Smith, general manager of Manhattan Rubber Manufacturing Division of Raybestos-Manhattan, Inc.; H. Clay Johnson, vice-president of the Rubber Reserve Corporation; J. W. Bicknell, executive vice-president of the Rubber Development Company, and R. A. Gordon, U. S. coordinator of the Combined Raw Materials Board. W. S. Lockwood, of the American Embassy in London, will participate in the talks also.

In its announcement the department emphasized that the discussions

—*Continued on page* 37

Phosphate Export Ass'n To Be Probed by FTC

OPD Washington Bureau

The Federal Trade Commission has ordered an investigation under the export trade act, also known as the Webb-Pomerene law, of each of two associations of phosphate producers to determine whether they have entered into agreements and engaged in restraint-of-trade practices in violation of law.

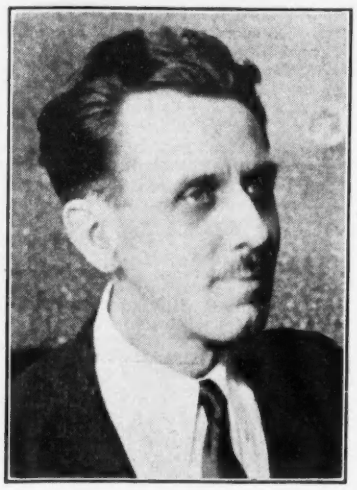
Notice of the investigation was served upon the Florida Hard Rock Phosphate Export Association, Savannah, Ga., and the Phosphate Export Association, New York, and the member producers and officers of each. They were summoned to appear at a hearing before the Commission August 15 and, in the event they are found to have violated the export trade act, to show cause why recommendations for the adjustment of the business of the associations should not be promulgated and made effective by the commission, as provided by law.

The members of Phosphate Export Association are engaged in producing pebble phosphate, while the other group produces hard rock phosphate mined principally in Florida. Both types of the product are used extensively in the manufacture of fertilizers, munitions and chemicals.

Corn Products Names Research Executives

The Corn Products Refining Company has appointed A. N. McFarlane associate director of research and Dr. S. M. Cantor assistant director of research. Dr. William Earle Brinker, jr., of Northwestern Technological Institute, has been selected director of engineering of the chemical division. Other new additions to the research staff are Dr. Gerald J. Cox, formerly with the War Production Board and Mellon Institute; Dr. Ward W. Pigman of the Bureau of Standards; Dr. Elizabeth M. Osman, formerly with Hercules Powder Co.; and Dr. A. Richard Baldwin of the University of Pittsburgh.

Made President



E. F. Miller, formerly vice-president of the National Milk Sugar Company, division of the Borden Company, New York, has been appointed president of the National Milk Sugar Division.

Kaplan Gets OPA New York Post

Albert A. Kaplan has been appointed associate price executive to James M. Gillen, in the Office of Price Administration's New York Regional Office. Mr. Kaplan has been with OPA in various executive capacities for more than two years.

WPB Outlines Procedure For Production Cutbacks

OPD Washington Bureau

The procedure by which the staff of the Production Executive Committee of the War Production Board will handle cutbacks and other production adjustments was outlined July 21 by Arthur H. Bunker, vice-chairman of the committee, who is also deputy executive vice-chairman of WPB.

The membership of the staff includes representatives of the War and Navy Departments, the United States Maritime Commission, various sections of the War Production Board, Smaller War Plants Corporation, and the War Manpower Commission. There are two deputy directors, Stacy May, director of the Bureau of Planning and of WPB, in charge of long-term planning, and W. B. Murphy, WPB's deputy vice-chairman for production, in charge of handling current adjustments. Outlining the mehtods, Director Bunker said:—

In essence, the task of the Production Executive Committee Staff is to guide the incidence of cutbacks so as to provide orderly readjustment of war production to meet military needs, and transition from war to peace production. Right now, because war needs are so great, present work actually amounts to training for coping with the bigger problem which lies ahead.

Programs now in force for military production indicate that there will be very little opportunity for conversion until the war has progressed considerably further. The task, however, definitely never will be the prevention of cutbacks. On the contrary, it is most desirable to facilitate the systematic handling of them in order to accelerate reconversion.

As to our methods, the PEC Staff reviews every program cutback proposed by a procurement service involving a reduction of as much as $1,000,000 in the total value of the items to be delivered in the current month or in any one of the succeeding 6 months, under all prime contracts for the same procurement item. In addition, the staff is notified of each change in any single outstanding contract which reduces the value of items to be delivered during the current month and succeeding three months by $200,000 or more.

The $1,000,000 figure covers programs, which usually include several contractors, so that, in fact, the staff reviews many contracts under a million. So far this limitation does not seem to have caused us to miss any significant cutback. The $1,000,000 figure is a test figure and will be reduced if necessary.

In the cases reviewed to date, only 23 percent of the prime contractors were affected by curtailments amounting to as much as a $1,000,000 monthly rate; more

—*Continued on page* 37

Reconversion Orders To Be Issued by WPB

OPD Washington Bureau

Four orders designed to enable industry to prepare for limited reconversion have been scheduled for issuance by the War Production Board, according to executive vice-chairman Charles E. Wilson. The schedule calls for issuance of the orders in the following sequence:—

1. On July 15 an order was issued lifting some of the restrictions on the use of aluminum and magnesium. Substiution of aluminum or magnesium, however, will not be allowed to increase the total production of end products. A manufacturer who uses more than five hundred pounds of one of these metals per quarter as a substittute for other metals will be given only a deferred allotment under CMP, which would be subject to displacement by certified allotments.

2. On July 22 an order was issued permitting the making of the minimum

—*Continued on page* 58

Alcohol Supply to Pass Demand Next Year

OPD Washington Bureau

The alcohol picture for 1945, showing only a slight drop from the current year in demand for war and essential civilian needs but a decided improvement in the supply outlook, was traced to the members of the Industrial Alcohol Producers Industry Advisory Committee July 20 by Dr Walter Whitman, assistant director of the WPB Chemicals Bureau.

Dr. Whitman said that at the present time it is estimated that 604,000,000 gallons of 190-proof alcohol will be needed in 1945, against an estimated potential supply of 639,800,000 gallons. Requirements estimated for 1944, as now revised, call for consumption of 614,300,000 gallons, against an estimated supply of 586,200,000 gallons. Previously 1944 consumption had been estimated at 633,900,000 gallons and the supply at 612,000,000 gallons. Requirements in 1942 were 229,200,000 gallons.

Dr. Whitman did not make public what the inventories of alcohol might be at the end of this year.

Dr. Whitman said that the Chemicals Bureau, in preparing its estimates, was compelled to make plans at the same time for an alcohol situation that might prove to be exceedingly tight in the Fall and one that might, on the other hand, be relatively easy. The two vital factors that will influence the situation, he said, are the rate at which butylenes are diverted from the rubber program to increase the production of 100-octane aviation gasoline and the rate at which buna S is used in making tires.

Alcohol requirements for 1945 and 1944 are divided as follows:—

	Gallons	
	1945	1944
Antifreeze	20,000,000	30,000,000
Military and lend-lease, direct	89,000,000	81,200,000
Military and civilian, indirect	160,000,000	160,700,000
Synthetic rubber	335,000,000	342,400,000

Four Pass Up Holiday

In response to inquiries from committee members regarding the possibility of future releases of facilities for beverage alcohol production, Dr. Whitman said that, while the outlook was favorable, no further release seems possible for several months. The lowered stock figures that will result from the August release, he said, will make it necessary to retain all the facilities in the war program until the stockpile has been replenished.

Of the ninety-eight distillers which have made their plans known to date, only seven have indicated that they will not take part in the beverage holiday. Three of these reported that, because of various conditions, they would not be able to produce alcohol for either beverage or war use during August, and four others reported that they would continue to produce 190-proof alcohol for the government.

The following industrial alcohol producers have reported that they will avail themselves of the opportunity to divert 50 percent of their production to beverages during August:—

Clinton Products Company, Clinton, Iowa; Publicker Commercial Alcohol Company, Philadelphia; Pennsylvania Alcohol & Chemical Company, Philadelphia; Genesee Brewing Company, Rochester, N. Y.; Lac Chemicals, Inc., Culver City, Cal.; Gulf Distilling Corporation, Gretna, La.; Bisceglia Distilling Company, Peoria, Ill.; Boeckeler Associates, Trenton, Mich.; Yankton Industrial Alcohol Corporation, Yankton, S. D.; Midwest Solvents Company, Atchison, Kan.

In addition, Dr. Whitman said, one plant, now operating entirely on molasses (which may not be used for beverage alcohol production) has received permission to have its quota produced by another company. The first concern will continue to produce 100 percent for the government under the agreement, thus avoiding the losses that would result from a shift to grains for a single month.

More Wheat for Alcohol

A total of 118,000,000 bushels of wheat has been allotted for production of alcohol during the twelve months' period from July 1, 1944, to June 30, 1945, by the War Food Administration. This is a slight increase over the 112,000,000 bushels that were set aside for this purpose in the year just closed. Of next year's allotment, WFA provided that 34,000,000

—*Continued on page* 58

Surplus War Property Post for M. Britton

OPD Washington Bureau

W. L. Clayton, Surplus War Property Administrator, has announced the appointment of Mason Britton as assistant administrator of the Surplus War Property Administration.

Mr. Clayton said that Mr. Britton's duties henceforth will relate to the general supervision of the disposal of all types of surplus property for which the Reconstruction Finance Corporation is the disposal agency—surplus industrial plants, aircraft, machine tools and industrial equipment, chemicals, metals and minerals, and other capital and producers' goods.

Prior to Pearl Harbor, Mr. Britton was for eighteen months director of the Tools Division of the Office of Production Management, and later served as chairman of a task group of the magazine and periodical section of the Printing and Publishing Division of the War Production Board.

Hinckley to Direct Contract Settlements

Robert Henry Hinckley has been nominated by President Roosevelt to be director of contract settlements under the war contract termination settlements act passed by Congress last month. Nomination of Mr. Hinckley will be sent to the senate when Congress reconvenes. He is resigning as vice-president of the Sperry Corporation to accept the post.

OPD Forum

[*Outlet for Individual Opinion*]

Anonymous communications will not be recognized; but, publication of a signer's name will be withheld at request.

Florida Fertilizer

The Editor,
OIL, PAINT AND DRUG REPORTER.
Sir:—

Being of Florida, I cannot understand your headline on page 3 of July 3 issue:—"Fertilizer Business by TVA Advocated by Florida Senator."

Since Senator Hill is of Alabama, don't you agree this headline should be corrected? [We certainly do. It was one of those slips with which the Imp of the Perverse delights to afflict the journalistic offices. The fact that Senator Hill is of Alabama was plainly stated in the first sentence of the article.—Editor, *Oil, Paint and Drug Reporter.*]

The fertilizer people in Florida have done a wonderful job in these trying times and, in my personal opinion are fully capable of caring for Florida's fertilizer needs.

GEORGE M. BARLEY.

Jacksonville, Fla.
July 6, 1944.

Glass Containers Order Amended

The War Production Board has amended the glass container and closure Order L-103-b. The effect of the amendment is to make the following changes:—

During any calendar year beginning with 1944, no packer shall accept delivery of or use for packing any product which is listed in a schedule of this order, more new glass containers or more new metal closures (other than closures made from waste) than his quota for that product.

Among the exceptions are as follows:—

1. Jobbers or retailers may obtain closures and glass containers without restriction but must resell them in conformity with the provisions of this order.

2. Packers may, after November 1 of each year, accept delivery of an additional 10 percent of their current year's quota of new glass containers, but may not use them until the following year, and they must charge them to the following year's quota.

3. Also exempt from the order are containers and closures used for products to be delivered to, or for the account of, the Army, Navy, Marine Corps, Maritime Commission, War Shipping Administration of the United States (including persons operating vessels for such administration or commission for use thereon), or the United Seamen's Service, Inc.

N.Y. Trade Ass'n Executives Elect Officers

King Hoagland, secretary of the Institute of Carpet Manufacturers of America, Inc., has been elected president of the Trade Association Executives in New York. Other officers elected were Roscoe C. Edlund, secretary and manager of the American Soap and Glycerine Producers, Inc., and Lea S. Hitchner, executive secretary of the Agricultural Insecticide and Fungicide Association, vice-presidents, and L. Abbett Post, manager of the American Institute of Steel Construction, secretary-treasurer.

OPD Price Index

The OIL, PAINT AND DRUG REPORTER's relative record of prices for chemicals and related materials is currently as follows:—

July 21, 1944	July 14, 1944	July 23, 1943
136.2	**136.4**	**137.6**

The base of the OPD Price Index is the average of prices in 1926 and 1936, those years representing extremes of price undulations in the interwar period.

Price easing was again in evidence last week in the markets for chemicals, oils, and drugs, although quicksilver was turned back from its downward trend and naval stores were upped again. The mineral divisions were not otherwise affected. Fatty oils got another, small depressing.

John W. Boyer Quits WPB Chemical Post

OPD Washington Bureau

John W. Boyer, chief of the Alcohol and Solvents Branch of the Chemicals Bureau, has resigned to establish himself in Washington as a consultant to the chemicals industry. He will be succeeded by Frank E. Bennett, chief of the Industrial Alcohol Unit of the Chemicals Bureau.

Mr. Boyer joined the War Production Board May 29, 1942, as a business specialist, having been called from his farm near Charlottesville, Va., where he had retired after twenty years in the chemical business. He formerly was connected with the American Cyanamid Company, Mathieson Alkali Company, Monsanto Chemical Company, Calco Chemical Company, and the Solvay Process Company.

Mr. Bennett, who comes from Orange, N. J., joined the War Production Board February 16, 1942, after twenty-three years' experience in the chemicals industry.

Proprietary Ass'n Committee Chairmen

The Proprietary Association has appointed its committees for 1944. Chairmen of the committees follow:

Finance, A. H. Diebold; ethanol, Warren Roberts, of the S.S.S. Company, Atlanta, Ga.; new name, Harry H. Hoyt, of Carter Products, Inc., New York; liaison, Harold B. Thomas, of the Sterling Drug, Inc., New York; national relations, J. D. Bohan, of Sterling Drug, Inc., New York; membership, H. A. High, of the Vick Chemical Company, New York; foreign trade section, R. M. Dunning, of the Vick Chemical Company, New York; veterinary section, Dr. D. E. Buckingham of the Polk Miller Products Corporation; scientific section, Dr. J. D. McIntyre, of Dr. D. Jayne & Son, Inc., Philadelphia; transportation, Geo. O. Griffith, of the American Home Products Corporation, New York; advisory committee on advertising, W. Y. Preyer, of the Vick Chemical Company, New York; public relations, Charles S. Beardsley, of Miles Laboratories, Inc., Elkhart, Ind.; requirements, James Hill, jr., of Sterling Drug, Inc., New York.

High-Speed Copper Plating Costs Reduced

An improved high-speed copper plating process which reduces operating costs and speeds up production rates has been announced by E. I. du Pont de Nemours & Co., Wilmington.

This improvement is a development of the copper-plating process introduced by the electroplating division of the company in 1938. The original method plated heavier deposits of copper in a shorter time than had before been possible. It utilized a carefully compounded and controlled sodium copper cyanide bath operating at 100 percent current efficiency and at increased current densities.

Penicillin Data Exchange Approved

OPD Washington Bureau

Donald M. Nelson, chairman of the War Production Board, has approved a memorandum under date of June 5 from the director of the Chemicals Bureau and the director of the Office of Research and Development asking that certain producers of penicillin as well as others who might be added from time to time be requested to collaborate in the exchange of technical information respecting the production and processing of penicillin derived by fermentation of *penicillium notatum* and of any raw material for intermediate components of penicillin.

Substitute Materials List No. 13 Issued

Shifting of the position of aluminum and magnesium from group II, the list of materials currently in balance between supply and demand, to group III, the materials that exceed current war and essential industrial needs, is the outstanding feature of issue No. 13 of the Material Substitutions and Supply List released by the Conservation Division of the War Production Board July 21.

Group I lists materials in insufficient supply for essential requirements. The list is designed to guide industry in the conservation of critical materials through substitution of less critical ones. Commenting on the current supply of essential materials, Howard Coonley, director of the Conservation Division, said:—

As the result of heavy and increasing restrictions on civilian use of paper besides the conservation and reuse programs by industry, most of the huge war and essential industrial demands for paper and paper products are being met. Nevertheless, shortages, such as waste paper, frequently are found in certain areas. Other shortages may be expected.

Vapor Barrier Materials Rise Limited by WPB

OPD Washington Bureau

Use of moisture vapor barrier materials, except for packaging parts and equipment for the Army and Navy, has been prohibited by the issuance of Conservation Order M-380, the Paper Division of the War Production Board has announced. Moisture vapor barrier material as defined by division officials is any laminated or coated material composed of the following:—

Paper laminated to metallic foil, with or without a textile backing, the foil being coated with or laminated to a heat-sealing medium approved for Method II (dehydrated) packaging, which laminated or coated material has a maximum moisture vapor transmission rate of 0.25 or less grams for 100 square inches in 24 hours.

The entire production of these types of moisture vapor barrier materials is needed by the Army and Navy for dehydrated packaging. All new uses will be screened and inventories rigidly controlled on a 30-day supply basis.

Food-Drug Board Stops Seller of Toxic Dyes

OPD Washington Bureau

A temporary restraining order has been issued against the Interstate Color Company by the United States District Court for the Southern District of New York at the request of the Food and Drug Administration for alleged sales of uncertified dyes to food and cosmetic manufacturers, it was stated by FDA officials July 11.

The restraining order was issued last week, it was stated, and it is expected that the case will come on for a hearing shortly on the government's request for a permanent injunction.

The firm was charged by FDA with selling uncertified "butter yellow" dyes, or what are known technically as "Colour Index 17 and 19, which have been found to be toxic in some instances.

Loughlin in New Post With Geological Survey

OPD Washington Bureau

Dr. Gerald F. Loughlin, for the past nine years chief geologist of the Geological Survey, United States Department of the Interior, has accepted an appointment to the newly created position of special scientist in the survey, and has been relieved of adminstrative duties in order to devote himself to research on special problems in the field of economic geology, Secretary of the Interior Harold L. Ickes has announced.

In making public Dr. Loughlin's appointment to the new position, the Secretary also announced that Dr. Wilmot H. Bradley, for the past two years in charge of the military geology unit of the Geologic Branch, has been appointed his successor as chief geologist.

Oil, Paint and Drug Reporter, Vol. 146, No. 4, July 24, 1944. Published weekly by Schnell Publishing Company, Inc., 59 John St., New York 7, N. Y., U. S. A. Tel. REctor 2-9820. Subscription price:—United States and possessions, Cuba, Mexico, Central America and South America, $5; Canada and Newfoundland, $7; other countries, $10. Entered as second-class matter, January 15, 1884, at the New York Post Office under the act of March 3, 1879. Copyright, 1944, by Schnell Publishing Company, Inc.

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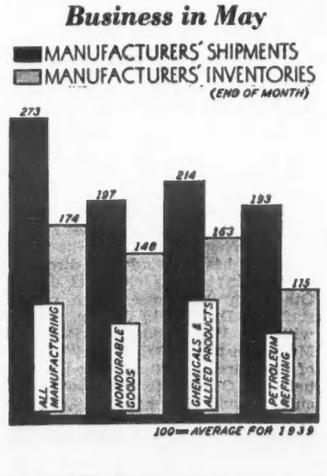
Textile Chemists To Hold Annual Meeting

The American Association of Textile Chemists and Colorists, which cancelled its annual meetings at the start of the war, will resume this Fall with a three-day program at Atlantic City, N. J., October 12 to 14. The Philadelphia section under the general chairmanship of C. A. Seibert of E. I. duPont de Nemours & Co. will act as host.

Business in May



Washington Talks It Over

Observations • Prognostications • Developments

By OPD Observer

A good many of the users of steel containers have been under the impression that the worst of their troubles were over and that the supply of drums, pails, and other containers would be easier from now on. There was some justification for this feeling a couple of months ago because of the optimistic statements emanating from WPB on the steel situation generally.

But, a few months is a long time in these days of rapid developments and today the situation in sheet steel is just the reverse of what it was a while back. We are in a worse condition in sheet steel than we have ever been since the start of the war. While it is quite true that the steel ingot supply situation is no cause for concern, the mill capacity to roll out these ingots into sheets is nowhere near enough to meet the demand.

It appears certain now that somebody fumbled the ball when they spoke of the steel situation's being under control, and as a consequence the innocent bystanders are the ones that are going to be hurt. The best advice that can be given at this time is that steel drum users hang on to every drum they have for as long as it is usable, and those concerns who thought the supply was getting easier and dropped their drum deposit systems because it was too much trouble, had best put these systems back into effect.

Axis Chemicals Identified

America's economic war against the products of the axis is being waged on a new front. The Chemicals Unit of the Bureau of Foreign and Domestic Commerce is working up a listing of all the chemicals of axis manufacture that have been used in Latin America with the American equivalent or alternative products.

When completed, each embassy and consulate will be supplied with a copy as a ready reference when it receives inquiries as to where this or that particular product, formerly obtainable from Germany, can now be got in the United States. A compilation similar to this was prepared for drugs and is now being used widely in Latin America.

Black Market Psychic

Representative Sol Bloom of New York has launched a physiological war against the black market, in which he is trying to get OPA to join. Mr. Bloom says the way to wipe out the black market is to change its name and attach such a stigma to it people will stay out of the market rather than let their friends and neighbors know of their dealings.

He suggests that the black market be referred to as the "thieves market." If the public officials would so characterize the market it wouldn't be long before the public generally would adopt the term, and when that occurs the war against the black market will be nearly won, he says.

OPA says it is appreciative of Mr. Bloom's efforts, but is withholding any official comment in the absence of Price Chief Bowles from the city.

Repair Reserves and Taxes

Reserve funds set up by business concerns for maintenance and repair work that has to be deferred for the duration may become taxfree, if Congress adopts a suggestion now being pressed by the Chamber of Commerce. The chamber notes that England has exempted such funds from taxation and says this country should do the same.

The proposal is not without merit. Expenditure of funds for this purpose would have been tax-exempt had there been no war, but since there is a war and the repair materials can't be got, the funds set aside to buy them when available should, in fairness, be exempt. The congressional tax committee now working on a postwar tax policy is studying the proposal along with many others that have been submitted on how to revise the tax structure to encourage employment at a minimum of loss to the Treasury in revenues.

The biggest impetus to a continued high level of output—and jobs—is to make certain that the individual has the where-with-all to buy the goods of industry. And thus it would seem that emphasis should be directed first at providing relief for consumers—and then for corporations.

Alcohol Supply Short

WPB is finding itself on a spot in its alcohol program. Chairman Nelson authorized the whisky holiday for next month when Rubber Director Dewey said he could get along with 20,000,000 gallons, or 25,000,000 gallons less alcohol this year than he previously thought would be necessary. But General Arnold says he will not release the butylenes because they are needed for the stepped-up aviation gas program. Consequently WPB winds up short 25,000,000 gallons of alcohol and will have to fall back on an already dangerously low stockpile.

In the light of these facts there is room for much of the speculation that is going on in Washington over the personnel changes in the WPB alcohol section.

Gasoline Chiselers Caught

Evidence that OPA is beginning to make headway in its fight against the black market in gasoline appears in a report just compiled on its enforcement activities since the first of the year. At one time criminals at the top of the black market rings were siphoning off an estimated 2,500,000 gallons of gasoline a day, or about 5 percent of the civilian supply.

Since the agency began cracking down hard, fifty persons have been sentenced by the courts to at least a year in jail, and 236 others were jailed for shorter periods. Arrests of counterfeiters, peddlers, and dealers handling stolen or counterfeit coupons number 1,362, and of these 607 were tried and convicted.

More than 150 filling stations have put themselves out of business by making repeated sales illegally, while 1,538 others selling gasoline without valid coupons have been denied the right to buy or sell for periods ranging from a few weeks to the duration of the war. OPA reports twenty-eight car owners were sent to jail and 775 have had their rations revoked by local boards.

Fuel Scarcity Looms

The magnitude of the heating problems of the Eastern seaboard States this Winter depends almost entirely on how quickly the war in Europe is brought to an end. If the hostilities cease before cold weather sets in, some relief will be afforded domestic fuel oil and coal consumers. If not, the supply situation will be even worse than last year.

Officials are preparing for the worse and predict that fuel oil will be even scarcer than coal this Winter—and coal will be extremely short. The reason for this is that the transportation facilities which had been expected to relieve the problem have had to be diverted to military use and it has not been possible to increase inventories this Summer as rapidly as planned.

As respects coal, the shortage of miners is creating a problem that is being accentuated by the purpose of building huge stockpiles for shipment abroad to meet the needs of Italy—almost wholly dependent upon outside sources for its fuel—and reoccupied France this Winter.

Huyssoon in WPB Paperboard Div. Post

A. B. Huyssoon, of the Continental Paper Company, Ridgefield Park, N. J., has been appointed assistant director of the Paperboard Division, in charge of the Boxboard and Cartons Branch, the War Production Board announced. He succeeds Ralph A. Powers, who resigned in June to return to the Robertson Paper Box Company in Montville, Conn.

Paint Testing Project Criticized by NPVLA

Viewing the matter from the standpoints of impracticability and unwarranted cost to consumers, the executive committee of the National Paint, Varnish and Lacquer Association adopted the following self-explanatory preamble and resolution at its meeting July 12:—

Whereas a plan has been announced by a private testing laboratory through the public press, contemplating the testing of all types of home and industrial paints, and the certification of approved products to the public and the painters' organizations coupled with an additional proposed service which includes drafting of painting specifications, advising on work and materials and inspection on the jobs; and

Whereas it is also stated that the painters' union has already contracted for 4,000 lists of such certified products when published, after tests, next March, and that arrangements have already been made with several manufacturers to test samples of their paints; be it

Resolved: That this association communicate with members of the industry, advising them, so far as possible in advance of their consideration of any such proposals, and pointing out certain inherent weaknesses in and objections to the plan, including among others (1) the impracticability of making thousands of tests both analytical and physical, as well as inspections on many thousands of jobs, (2) that the cost of such a program must of necessity be passed on to the consumers, and (3) pointing out the constant activities of the scientific section of the association, and the close cooperation of the industry at all times with the Federal Trade Commission in the suppression of products sold through false, deceptive or misleading representations and such other and further facts as may appear appropriate.

Coumarone-Indene Resins Advisers Meet

At the first meeting of the Coumarone-Indene Resin Manufacturers Industry Advisory Committee, members discussed means of obtaining an improved distribution of coumarone-indene resin for military and essential civilian requirements, the War Production Board reported last week. Coumarone-indene resins, which are light-oil fractions distilled from coal tar and polymerized into resins, are used chiefly in the compounding of synthetic rubber, protective coatings, adhesives and floor tiles.

Members of the newly-formed committee are:—Lee V. Dauler, of the Neville Company, Pittsburgh; R. W. Ostermayer, of the Pennsylvania Industrial Chemical Corporation, Clairton, Pa.; R. C. Quortrup, of the Barrett Division of Allied Chemical & Dye Corporation, New York. George H. Sollenberger is the government presiding officer of the committee.

Paint Pigments Specifications Approved

As a result of work by Committee D-1 on Paint and Varnish, the American Society for Testing Materials, at its recent annual meeting approved seven specifications covering the following types of pigments:—raw umber, burnt umber, raw sienna, burnt sienna, venitian red, yellow iron oxide hydrated, and black synthetic iron oxide.

These specifications follow the system used in a large number of other pigment specifications covering composition and properties, number of tests and methods to be used. Added to the series of tests for evaluating serviceability of various types of paints and paint products, is the test for degree of flaking (scaling) of exterior paints of the linseed oil type. This involves a series of photographic reference standards which are primarily for comparative evaluation.

Oil Chemists to Meet In Chicago Oct. 25-27

The eighteenth annual Fall meeting of the American Oil Chemists' Society will be held in the Hotel La Salle, Chicago, October 25-27. J. J. Vollertsen, of Armour & Co., is general chairman. Papers will cover the technology and manufacture of edible vegetable oils, shortening, and margarin, soap, and paint and varnish oils. The presiding officer will be Dr. Klare S. Markley, principal chemist for the Southern Regional Research laboratory, New Orleans, who was elected president of the society at the annual Spring meeting in New Orleans.

Exports by Mail Get FEA General License

OPD Washington Bureau

A new section, 802.30, providing "G-Post" general licenses for exports by mail to twenty-four specified destinations in Africa, has been added to part 802 of subchapter B of FEA export control regulations. This grants a general license for exportation of several hundred items, including a large proportion of pharmaceuticals and other fine chemicals, in parcels of not more than 11 pounds gross weight and having a net value not in excess of $1, with some exceptions. No value limit is specified for sulfa drugs; rare earths have a limit of $25; and natural pharmaceutical products in the aggregate have a value limit of $25.

The amendment does not permit exportation of digitalis seeds, hempseed, narcotic substances or preparations, paraffin, penicillin, petroleum distillates, and pyrethrum. No mail exports except of absolutely free sample or gifts may be made to French North and West Africa. With the exception of small lots of tea to Eire, none of the listed commodities may be mailed under the general license to that country or to Turkey.

In addition to the weight and value limits, the amendment also provides:—

That not more than one parcel or package per week may be mailed by or on behalf of the same person or concern to or for the same addressee (the naming of addressees other than known ultimate addressees for the purpose of evading the limitations of this general license is prohibited).

WPB Rules on Coatings Containing Alkyd Resins

Emergency military orders are not exempt from the provision in order M-139 that states that, except where free stocks are involved, paint manufacturers must receive War Production Board authorization before shipping any protective coatings containing phthalic alkyd resins, the WPB Chemicals Bureau pointed out today. Free stocks are defined in the order as those which were in the possession of paint manufacturers (other than manufacturers of phthalic alkyd resins) on January 1, 1943.

In line with direction No. 2 of order M-139, issued May 26, 1944, no protective coatings containing phthalic alkyd resins can be sold on authorizations under the order that were issued prior to April 9, 1944, the Chemicals Bureau explained in further clarification of the order.

Use of phthalic alkyd resins in the production of paints (with the exception of Marine paints) in advance of the receipt of actual orders for such paints is prohibited by order M-139. In the event an order is cancelled, specific WPB authorization is required before the protective coatings containing phthalic alkyd resins may be used or disposed of in any way, paint manufacturers were warned.

Paint manufacturers were further reminded that they are required by order M-139 to state in column 15 of Form WPB-2945 the total quantity of phthalic alkyd resins and the amount of free stocks in their possession.

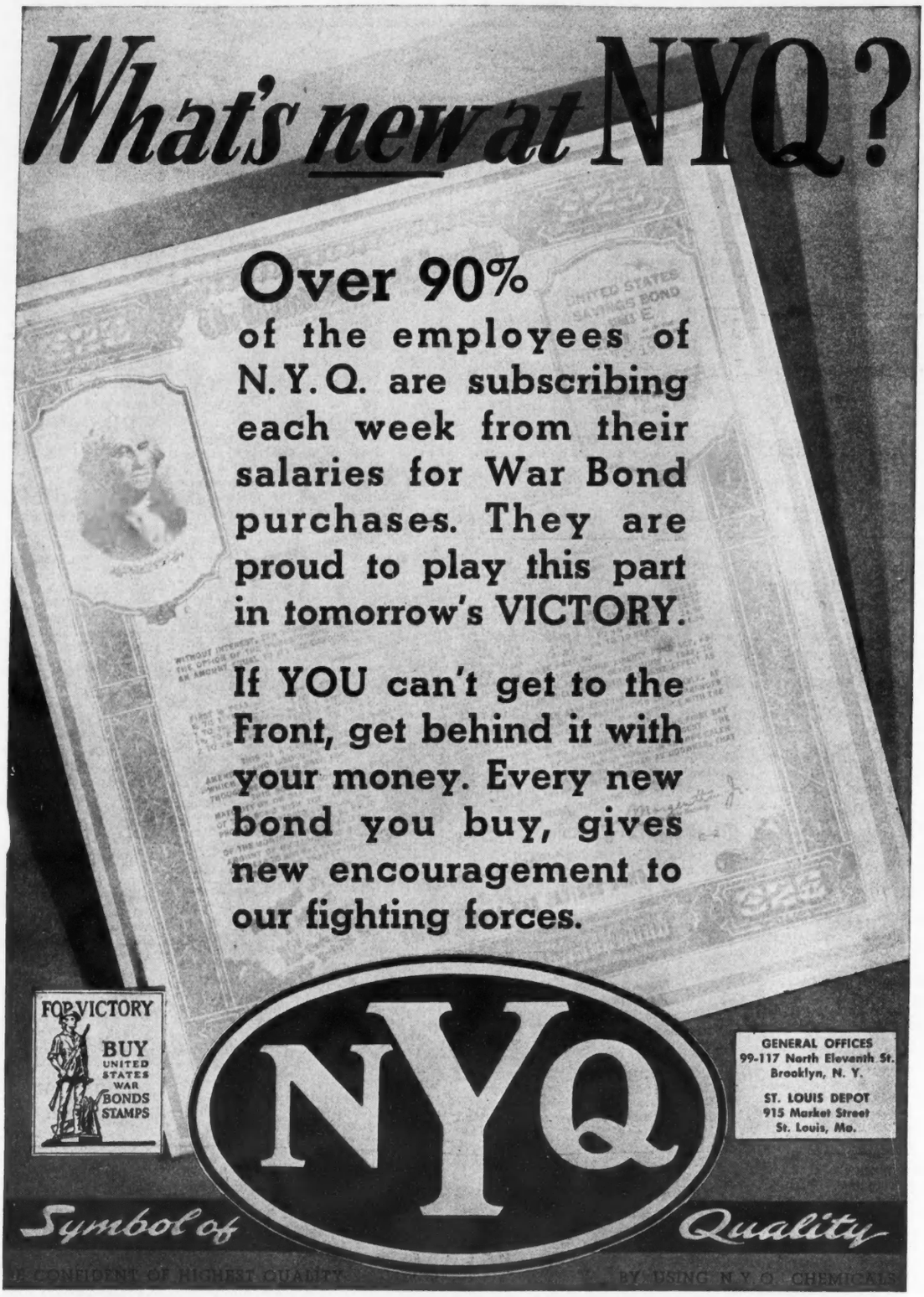
Imports Insurance Costs Procedure Set

OPD Washington Bureau

War risk insurance costs on all imported commodities covered by the Maximum Import Price Regulation must be calculated under a new method, the Office of Price Administration has announced.

The new method, which becomes effective July 19, 1944, is made necessary by the discontinuance of war risk insurance on commercial cargoes by the War Shipping Administration. The latter discontinued this insurance on shipments made after June 25, 1944, with the exception of shipments of coffee, cocoa, cresylic acid, chrome ore, and manganese ore, which are covered by other price regulations.

War risk insurance costs for shipments made after June 25, 1944, may not exceed the amount of the war risk insurance premium paid, at rates in effect at time of shipment, on a value representing 105 percent of the sum of the foreign invoice price, freight to the port of entry, and premiums paid for marine and war risk insurance.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July Chemical Allocations Issued by War Production Board

The distribution of chemicals for civilian use in July under the allocation orders of the Chemicals Bureau of the War Production Board were made public July 20. Allocations follow:—

Acetaldehyde

All requests allocated in full.

Acetic Acid

All requests allocated in full.

Acetic Anhydride

All requests allocated in full except civilian rayon yarn (22,136,889 pounds) and staple fiber (5,415,401 pounds), which were cut 4 percent of the individual requests.

Acetone

Requests for civilian uses in uly were allocated as follows:—Drugs, 1,036,000 pounds; lacquers and thinners, 414,000 pounds; plastics, 242,000 pounds; rayon, 3,768,000 pounds; shoe cements, 211,000 pounds; textiles, 23,000 pounds; miscellaneous, 49,000 pounds.

Acrylic Resins

Non-military allocations of acrylic resin and acrylic monomer for July were as follows:—Limited quantities of distress stocks, having no recognizable military value, were released for civilian uses of lower essentiality.

Emulsions:—100 percent as requested for finishing shoe leathers.

Solutions:—100 percent as requested for chemical-resistant protective coatings.

Sheet:—100 percent as requested for machine - guards and drafting - machine scales.

Rod and Tube:—100 percent as requested for medical instruments and fountain pen parts.

Monomer:—100 percent as requested for dentures, medicinals and non-corrosive electrical tape.

Polymer:—100 percent as requested for lining neoprene drums, finishing utility shoe leather, coating for mechanical leather, stop-off lacquers, and electrical insulation.

Molding Powder:—100 percent as requested for dentures, pessaries, micrometer lenses, reflectors for motor transports, and hearing-aid cases.

Acrylonitrile

Allocated as requested for pharmaceuticals and textiles.

Adipate, Di-Isobutyl

Approximately 72 percent of requests for di-isobutyl adipate were allowed in July, chiefly as a plasticizer for low temperature work.

Adipic Acid

In July, adipic acid was granted to the extent of 75 percent of requests, chiefly for plastic cements and fuel cells.

Alkanolamines

Monoethanolamine: — Civilian requests for chemical manufacture were cut 75 percent. Gas absorption requests were allowed in full. Other civilian requests were denied, with the exception of single drums allowed for miscellaneous users. All requests were screened for inflation.

Diethanolamine:—Civilian requests for chemical manufacture were cut 75 percent. Small quantities were allowed for other miscellaneous users. All requests were screened for inflation.

Diethylethanolamine:—All civilian requests were granted in full.

Allyl Alcohol

Allocation of allyl alcohol has been held up pending the joint decision of the combined chiefs of staff, according to the requirements of the United States and British "aircraft resin" uses.

Allyl Chloride

Civilian requests for allyl chloride were granted in full with the exception of civilian requests for the manufacturing of flavors. These requests were denied.

Aluminum Chloride, Anhydrous

All requests were granted in full.

Ammonium Silicofluoride

Sufficient ammonium silicofluoride was allocated to all essential end uses to provide a 30-day working inventory. Only a small percentage of the requirements for civilian uses could be met.

Ammonia, Anhydrous

Granted 100 percent for industrial uses.

Ammonia, Aqua

Granted 100 percent for industrial uses.

Ammonium Sulfate

Granted 100 percent for industrial uses.

Anilin Oil

The following is a partial list of the quantities allocated:—Rubber chemicals, 3,137,000 pounds; dyes and dyestuff intermediates, 1,797,000 pounds; stabilizers and intermediates for explosives, 699,000 pounds; resins and plastics, 225,000 pounds; petroleum additives, 156,700 pounds; drugs and pharmaceuticals, 157,500 pounds; photographic chemicals, 216,000 pounds.

Anilin Salt

Anilin salt was granted to the extent of 72 percent of requests for fur dyeing, and to the extent of 85 percent for other dyestuffs.

Aromatic Petroleum Solvents

On July 1, 1944, the new amendment to conservation order M-150 as issued June 30, 1944, became effective. Class A solvents were redefined and schedule A for Class A solvents, a prohibitive civilian end use list, was liberalized by about half of the items originally appearing on the list on the first amendment. A number of solvents were designated as of Class A and directives issued to that effect.

Schedule B, a list of allowable end uses for Class B solvents, was enlarged by several additional permitted end uses. There has been a marked decrease in appeals received since the second amendment became effective.

Arsenic

Allocations of arsenic for the third quarter were as follows:—Agricultural insecticides for domestic and Hawaiian requirements, weed killer for rail rights-of-way (65 percent); provision for expert requirements (23 percent); glass manufacturing (6 percent); other essential civilian and military purposes (5 percent). The last-named classification includes the manufacture of pharmaceuticals and five chemicals, purification of gas, refining of metals and ores, preservation of wood and wall board, preparation of pesticides and cattle dip, as well as agricultural weed killer. A minor amount of arsenic also was provided for the manufacture of civilian dyestuffs.

Ascorbic Acid

Small civilian requests were granted 100 percent. All other civilian requests were granted 100 percent, adjusted to use in base period.

Benzaldehyde

N. F. grade:—Allocated 100 percent for all end uses for July.

Technical grade:—Allocated 100 percent for medicinals, drugs and photographic chemicals. Other civilian end uses were allocated 50 percent of the requests.

Benzol

Initial July allocation was made as follows:—Synthetic phenol, 2,157,382 gallons); anilin, 772,700 gallons; nitrobenzene (for other than phenol and anilin), 75,150 gallons; chlorbenzene (for other phenol and anilin), 480,780 gallons; anthraquinone, 139,240 gallons; diphenyls, 210,000 gallons; medicinals, 137,335 gallons; rubber chemicals, 57,566 gallons; solvents, 787,308 gallons.

Bismuth Chemicals

Allocations for July were granted in full for civilian requests—medicinal use, 72,576 pounds; industrial uses, 500 pounds; and cosmetics, 285 pounds.

Bleaching Powder

Due to increased military demands and reduced production, civilian requirements were cut about 10 percent more than in previous months.

Butadiene

Allocated as requested for small orders and experimental purposes.

Butyl Acetate, Normal

The following essential civilian end uses were allowed:—Arms, weapons, ammunition, aircraft, electrical and communication equipment, containers, packages and accessories, 304,879 pounds; industrial machinery, equipment and tools, health, safety and scientific equipment.

—*Continued on page 33*

Visiting United States

Bernardo Herzog, president of Productos Quinicos B. Herzog, Ltda., representative of United States chemical manufacturers in Rio Janeiro, Brazil, will reach New York on a business-expansion trip about the end of July.

Industrial Applications of Chemicals and Related Materials

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(Parenthetic figures are the numbers of patents in the United States or other countries; as designated)

2-Amino-2-methyl-1-propanol

Chemical—Starting point in making (with the aid of the higher fatty acids) emulsifying agents for fats, oils, resins, and waxes for use in camouflage paints, detergents, leather dressings, metal polishes, textile specialties

Butyl Orthonaphthoylbenzoate

Adhesives — Plasticizer (U.S. 2233513) in adhesive compositions containing cellulose acetate or nitrocellulose

Ceramic—Plasticizer (U.S. 2233513) in compositions, containing cellulose acetate or nitrocellulose, used as coatings for protecting and decorating ceramic products

Chemical—Plasticizer (U.S. 2233513) for cellulose acetate, nitrocellulose

Cosmetic—Plasticizer (U.S. 2233513) in nail enamels containing nitrocellulose

Electrical—Plasticizer (U.S. 2233513) in insulating compositions, containing cellulose acetate or nitrocellulose, used for covering wire and in making electrical machinery and equipment

Glass—Plasticizer (U.S. 2233513) in compositions, containing cellulose acetate or nitrocellulose, used in the manufacture of nonscatterable glass and for coating and decorating glassware

Leather—Plasticizer (U.S. 2233513) in compositions, containing cellulose, acetate or nitrocellulose, used in the manufacture of artificial leathers and for coating and decorating leathers and leather goods

Metallurgical — Plasticizer (U.S. 2233513) in compositions, containing cellulose acetate or nitrocellulose, used for coating and decorating metallic articles

Miscellaneous — Plasticizer (U.S. 2233513) in compositions, containing cellulose acetate or nitrocellulose, used as coatings for protecting and decorating various products

Paint, Varnish, and Lacquer—Plasticizer (U.S. 2233513) in paints, varnishes, lacquers, enamels, and dopes containing cellulose acetate or nitrocellulose

Paper—Plasticizer (U.S. 2233513) in compositions, containing cellulose acetate or nitrocellulose, used in the manufacture of coated papers and for coating and decorating articles made of paper or pulp

Photographic — Plasticizer (U.S. 2233513) in making films from cellulose acetate or nitrocellulose

Plastics—Plasticizer (U.S. 2233513) in making laminated fiber products, molded products, plastics from nitrocellulose or cellulose acetate

Resins—Plasticizer (U.S. 2233513) in resin-nitrocellulose solutions and other compositions

Rubber—Plasticizer (U.S. 2233513) in compositions, containing cellulose acetate or nitrocellulose, used as coatings for decorating and protecting rubber goods

Stone—Plasticizer (U.S. 2233513) in compositions, containing cellulose acetate or nitrocellulose, used as coatings for decorating and protecting artificial and natural stone

Textile—Plasticizer (U.S. 2233513) in compositions, containing cellulose acetate or nitrocellulose, used in the manufacture of coated fabrics

Wood—Plasticizer (U.S. 2233513) in compositions, containing cellulose acetate or nitrocellulose, used as protective and decorative coatings on woodwork

Copper-Sodium Tetrapolyphosphate

Insecticide and Fungicide — Toxic agent (U.S. 2209129) for plant pests

4:4'-Diallyloxydiphenylamine

Chemical—Starting point (Brit. 542216 and 542217) in making antitoxidants for fats and oils, insecticides, rubber

Dimethylthianthrene

Chemical—Reactant in organic syntheses

Rubber—Softener (U.S. 2251394) for rubber

Pelargonyl Chloride

Chemical—Intermediate in making esters for plasticizers

Organic chemical with a boiling range of 80° to 115° C. (25mm), 170° to 220° C. (760mm); colorless to light yellow in color, hydrolyzed by water, reacts with alcohols to produce esters, soluble in ether, specific gravity, 0.955 (20°/15.5° C.); molecular weight, 176.5

Starting point in making pelargonyl peroxide

Sodium Tetrasulphide

Chemical—Inorganic chemical of clear, deep-red color in water solution, molecular weight, 174; specific gravity (40% solution), 1.335 (20°/15.5°C.)

Reducing agent for organic nitro bodies

Dye—Reducing agent in dyestuff synthesis

Insecticide and Fungicide—Fungicide in sprays for fruit trees

Insecticide in sprays for fruit trees

Leather—Soaking agent for hides and skins prior to dehairing

Metallurgical—Reducing agent in cyanide plating baths

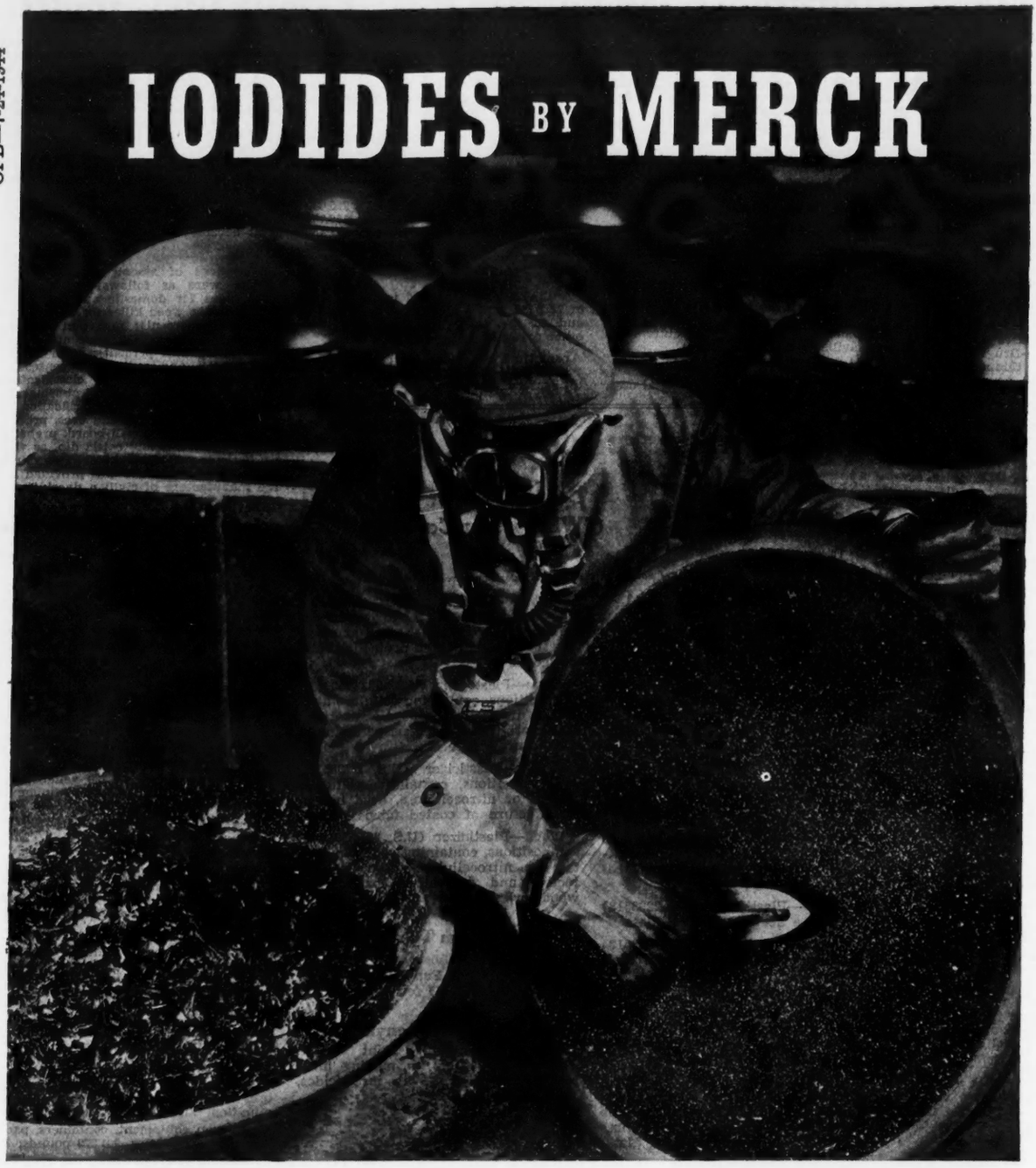
Mining—Flotation reagent in ore-concentrating processes.

Data similar to those above on Uses and Applications of **5167** *Chemicals and Related Industrial Materials in one 665-page book* **$10**

Promoted by Koppers

R. C. Wickersham has been named assistant general manager of the tar and chemical division of the Koppers Company. J. N. Forker is general manager. Mr. Wickersham has been with the Koppers Company since 1916, having graduated from Lehigh University in 1915. After successive promotions he was manager of the white tar division, Kearny, N. J., at the time of present promotion.

IODIDES BY MERCK



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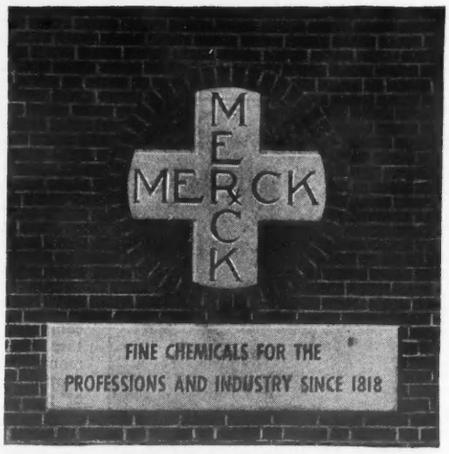
and other Iodine Salts



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Current Market Quotations Chemicals and Related Materials

July 21, 1944

Unless otherwise indicated, quotations are first-hands on large lots, f.o.b. New York. Price changes and trends are noted in the market reports, with other informative comment. The locations of these reports are given in the table of contents on page 4.

All matters under this heading fully protected by copyright.

A

Acacia (see Gum, Arabic).

Acetaldehyde,[3,6] 99%, dms., 55 and 110 gals., works..lb. .11 - —
5 and 10 gls., works.....lb. .14 - —

Acetaldol (see Aldol).

Acetamide, CP, fib. dms., 5,000 lbs. a year, works..lb. .36 - —
smaller lots, works.....lb. .38 - .70
tech., fib. dms., 5,000 lbs. a year, works..lb. .28 - —
smaller lots, works.....lb. .30 - .50

Acetanilide, tech., cryst., bbls.lb. .29 - .31
powd., bbls.....lb. .27 - .29
USP, cryst., bbls.....lb. .36 - .37
dms.....lb. .42 - —
kgs.....lb. .37 - .38
powd., bbls.....lb. .34 - .35
dms.....lb. .38 - .40
kgs.....lb. .35 - .36

Acetoacetanilide, bbls., dms...lb. .49 - .67

Acetone, CP,[3,6] dms., c.l., divd. E.°..lb. .08 - —
l.c.l., divd. E.°.....lb. .08½- —
tanks, divl. E.°.....lb. .07 - —

[3] OPA ceiling for East; Western ceiling, ¼c. per lb. higher.
[6] Methyl (see M).

Acetonitrile, dms., c.l., works..lb. .60 - —
l.c.l., works.....lb. .75 - —
5-gal. lots, works.....lb. .80 - —
less than 5-gal. lots, works, lb. .90 - —

Acetophenetidin, bbls., kgs., 1,000 lb. lots..lb. 1.00 - —
dms.....lb. 1.09 - 1.16

Acetophenone, cns., dms.....lb. 1.55 - 1.60

Acetyl chloride, cbys., works..lb. .60 - —

Acid, abietic, dms., c.l., wks..lb. .07½- —

Acetic,[1,6] com'l or redist., 28%, 50%, bbls.....100 lbs. 3.38 - 3.63
50%, bbls.....100 lbs. 5.58 - 5.83
70%, bbls.....100 lbs. 6.68 - 6.93
80%, bbls.....100 lbs. 7.47 - 7.72
glacial, nat., CP, cbys.100 lbs.12.50 -12.75
99.5%, bbls.....100 lbs. 9.15 - 9.40
tanks, works.....100 lbs. 6.93 - —
USP, cbys.....100 lbs.11.70 - —
synth, CP, dms., works.....100 lbs.12.50 -12.50
99.5%, bbls., works.100 lbs. 9.15 - 9.40
dms., works.....100 lbs. 9.25 - 9.75
tanks, works.....100 lbs. 6.93 - —
USP, dms., works.100 lbs.10.50 -11.00
pure, 80%, bbls.....100 lbs. 4.41 - 4.69
36%, bbls.....100 lbs. 4.86 - 5.11
60%, bbls.....100 lbs. 7.60 - 7.85
80%, bbls.....100 lbs. 9.26 - 9.51
Acetic acid price ranges above are for c.l. and l.c.l. quantities. Carboys and cases are 50c. per 100 lbs. higher.

Acetic, anhydride,[6] dms., c.l., frt. alld..lb. .11½- —
l.c.l., frt. alld.....lb. .13 - —

Acetylsalicylic,[1] special, USP, bbls., makers, primary distrib., point of shipm't, 100-lb. lots..lb. .45 - —
smaller lots, same basis..lb. .46 - .59
Standard USP, fine cryst., gran. (20-40 mesh), powd. (50 mesh), 200-lb. bbls., same basis..lb. .40 - —
smaller lots, same basis, lb. .40 - .54
Freight equal'd, shipment identical quantity over standard routes, from N. Y. City, Phila., Midland, Mich., Chicago and St. Louis.

Adipic, fib. dms., works.....lb. .31 - —

Aminoacetic, USP (see Glycine).

Anthranilic, resub., bbls.....lb. 1.20 - 1.25
tech., bbls.....lb. .95 - —

Arsenous,[6] tech. (see Arsenic, White).
USP, powd., dms., kgs....lb. .20 - .22

Ascorbic,[1,4] USP, 500-kilo lots, dms..kilo.24.50 - —
30-kilo lots, dms.....kilo.25.00 - —
10-kilo lots, dms.....kilo.25.35 - —
2½-kilo lots, dms.....kilo.25.70 - —
1-kilo lots, dms.....kilo.26.41 - —
500-gram lots, bots.....kilo.27.47 - —

Battery, cbys., c.l., E. works, 100 lbs. 1.60 - —
10-25, E. works.....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —

Benzoic, tech., bbls., 4,000 lbs. or more..lb. .42 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. up..lb. .54 - —
1,000 to 3,900 lbs. up....lb. .55 - —
900 lbs or less.....lb. .58 - .59
dms., 4,000 lbs up.....lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60

Betaoxynaphthoic, bbls., f.o.b. works..lb. .95 - —

Boric,[3] tech., 99.5% cryst., (same as prices for powder), gran., bgs., c.l., frt. alld., ton.99.00 - —
ton lots, ex whse..ton.111.00 - —
less than ton lots, ex whse..ton.116.00 - —
bbls., c.l., frt. alld..ton.109.00 - —
ton lots, ex whse..ton.121.00 - —
less than ton lots, ex whse..ton.126.00 - —
bulk, frt. alld.....ton.95.50 - —
powd., bgs., c.l., frt. alld., ton.104.00 - —
ton lots, ex whse..ton.116.00 - —
less than ton lots, ex whse..ton.121.00 - —
bbls., c.l., frt. alld..ton.114.00 - —
ton lots, ex whse..ton.126.00 - —
less than ton lots, ex whse..ton.131.00 - —
USP $25 per ton higher.

Butyric, 99%, dms., c.l., works, lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —

Broeners, bbls.....lb. 1.11 - —

Cacodylic, 5-lb. bots.....lb.22.00 - —

Acid, camphoric, cns.....lb. 6.95 - 7.00

Capric, tech., dms., returnable, lb. .21½- .22

Caprylic, tech., dms., returnable, lb. .27 - .27½

Castor oil,[3] split, dms., ret..lb. .20¾- .21¼

Chlorosulphonic, dms., c.l., wks., lb. .03 - —
l.c.l., works.....lb. .03½- .04½
tanks, works.....lb. .02½- —

Chromic,[6] 99½-99¾%, dms., c.l., l.c.l. .....lb. .16¼- —
l.c.l. .....lb. .16¾- .18¼

Cinnamic, recr'd, bots.....lb. 3.50 Nom.

Citric,[1,6] anhyd., gran., dms., c.l..lb. .23½- —
10,000 lbs., 1 ship't'...lb. .23 - —
smaller lots.....lb. .23½- .26½
kgs.....lb. .24 - —
cryst., gran., bbls., c.l...lb. .20 - —
10,000 lbs., 1 ship't'...lb. .20½- —
smaller lots.....lb. .23 - .24
kgs.....lb. .21½- —
Powd. citric acid, ½c. higher.

Cleve's, bbls.....lb. .65 - —

Coconut oil,[1,3] dist., dms....lb. .15½- .17½

Corn oil, s.d., dms., c.l., works, lb. .12 - —

Cottonseed oil,[1,3] s.d., dms., c.l..lb. .12 - —
tanks, divd.....lb. .14¼- —

Cresylic,[3,6] (coaltar), high-boil 50% (210°-215°), low boil 50% (204°-206°), and special blends, dms., c.l., works, frt. equald..gal. .81 - —
l.c.l., same basis.....gal. .83 - —
tanks .....gal. .75 - —
(Petroleum), heavy grade (247°-298°), 20 dms., Cal. ref..gal. .490 - —
Sewaren, N. J., ref..gal. .616 - —
1-19 dms., Cal. ref....gal. .510 - —
Sewaren, N. J., ref..gal. .636 - —
tanks, divd.....gal. .586 - —
light grade (200°-246°), tanks, Cal. ref..gal. .690 - —
medium grade (220°-240°), 20 dms., Cal. ref..gal. .550 - —
Sewaren, N. J., ref..gal. .676 - —
1-19 dms., Cal. ref....gal. .570 - —
Sewaren, N. J., ref..gal. .696 - —
tanks, divd.....gal. .646 - —

Diethylbarbituric (see Barbital).

F (see Acid, Monosulphonic).

Formic, dom., 90%, cbys., c.l., works..lb. .10¼- —
l.c.l. .....lb. .11 - .11½

Fumaric, tech., bbls., dms....lb. .27 - .31

Gallic, NF VII, bbls.....lb. 1.27 - 1.30
fib. dms.....lb. 1.32 - —
technical, bbls.....lb. 1.10 - 1.13

Gamma, bbls.....lb. .85 - —

Gluconic, bbls., 500 lbs.....lb. .12 - —
dms.....lb. .21 - .22
kgs., 100 lbs.....lb. .14 - .15

Glutamic hydrochloride, dms., lb. 2.00 - 2.40

H, bbls.....lb. .42 - —

Hydriodic, 45-47%, cbys.....lb. 2.42 - 2.44
5-lb. bots.....lb. 2.57 - —
57%, bots.....lb. 2.90 - —

Hydrobromic, conc., cbys....lb. .35 - —
dil., cbys.....lb. .20 - —

Hydrochloric (see Muriatic).

Hydrocyanic, cyls., works....lb. .80 - 1.00

Hydrofluoric, anhyd.,[6] cyls., works..lb. .19 - .19½
tanks, works.....lb. .16 - —
30%, rubber dms., works...lb. .08 - .09
48%, rubber dms., works...lb. .12 - —
52%, rubber dms., works...lb. .12½- —
60%, rubber dms., works...lb. .13½- —

Hydrofluosilicic, 30-35%, bbls.lb. .08 - .09

Hydroxyacetic, 70% tech., bbls., non-return, Phila..lb. .08¼- —
tanks, works, basic acid content..lb. .08½- —

Hypophosphorous, USP, djns., lb. .75 - .80

Lactic, edible, 50%, cbys., 20 or more..lb. .12½- —
5 to 19.....lb. .13 - —
1 to 4.....lb. .13½- —
80%, bbls., cbys., 5 or more.. lb. .24¼- —
1 to 4.....lb. .24¾- —
plastic grade, bbls., cbys., 20 or more..lb. .14¼- —
5 to 10 cbys.....lb. .14¾- —
1 to 4 cbys.....lb. .15¼- —

tech., dark, 22%, bbls., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.15 - —
cbys., works.....100 lbs. 4.15 - —

44%, bbls., c.l., works.... 100 lbs. 6.30 - —
l.c.l., bbls., works.... 100 lbs. 6.55 - —
cbys., works.....100 lbs. 7.55 - —

light, 22%, bbls., c.l., works. 100 lbs. 3.90 - —
l.c.l., works.....100 lbs. 4.15 - —
cbys., works.....100 lbs. 5.15 - —

44%, bbls., c.l., works.... 100 lbs. 7.30 - —
l.c.l., works.....100 lbs. 7.55 - —
cbys., works.....100 lbs. 8.55 - —

USP XI, 85%, cbys.....lb. .54 - .57
USP VIII, 75%, cbys.....lb. .52 - .55

Lauric, dist., tech., dms.....lb. .20 - .20¼

Laurent's, bbls.....lb. .45 - —

Linseed oil,[3] light, dms.....lb. .21½- .22

Maleic,[6] powd. dms.....lb. .30 - —
anhydride, dms., c.l.....lb. .26 - —
l.c.l. .....lb. .26 - —

Malic, powd., kgs.....lb. .47 - —

Mandelic, dms., 1,000-lb. lots.lb. 2.05 - —
smaller lots.....lb. 2.10 - 2.30

Mixed, tanks, nitric unit.....lb. .05 - .06
sulphuric, unit.....lb. .0085- .009

Molybdic, kgs., works.....lb. .95 - 1.10

Monochloroacetic, tech., 85%, bbls..lb. .17 - —
purified, bbls.....lb. .20 - —

Monosulphonic, bbls.....lb. 1.50 - —

Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works...100 lbs. 1.85 - —
1 to 9, works....100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —

Acid, muriatic, 20°, cbys., c.l., E. works..100 lbs. 1.75 - —
tanks, E. works.....ton.22.00 - —

22°, cbys., c.l., E. works.... 100 lbs. 2.25 - —
tanks, E. works.....ton.32.00 - —

CP, USP, consumers, cbys..lb. .08 - —
6-lb. bots.....lb. .19 - —
dealers, cbys.....lb. .06½- —
6-lb. bots.....lb. .17½- —

Myristic, dist., dms.....lb. No stocks.

Naphthenic,[6] 210-220 acidity, dms. extra, works..lb. .10¾- —
tanks, works.....lb. .09 - —

230-245 acidity, dms. extra, works..lb. .12¾- —
tanks, c.l., works.....lb. .12 - —

Nicotinic,[6] dms., 50-kilo lots up, kilo. 7.00 - —
10-kilo lots.....kilo. 7.10 - —
2½-kilo lots.....kilo. 7.20 - —
1-kilo lots.....kilo. 7.30 - —

Nicotinic amide (see Nicotinamide).

Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25, E. works..100 lbs. 5.25 - —
10 to 24, works...100 lbs. 5.35 - —
1 to 9, works...100 lbs. 5.95 - —

38°, cbys., c.l., E. works.... 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —

40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —

42°, cbys., c.l., E. works.... 100 lbs. 6.50 - —

CP, USP, consumers, cbys..lb. .13 - —
7-lb. bots.....lb. .22 - —
dealers, cbys.....lb. .11½- —
7-lb. bots.....lb. .21½- —

Oleic (see Oil, red).

Oleum (see Acid, sulphuric, fuming).

Oxalic,[1] bbls., c.l., works....lb. .11¼- —
10,000 lbs.....lb. .11½- —
smaller lots.....lb. .12½- —

Palm oil,[3] white, dist., dms..lb. No stocks.
tanks .....lb. No stocks.

Paraminobenzoic, cns....lb. 1.40 - —

Paranitrobenzoic, cns.....lb. .72 - —

Paratoluidinmetasulphonic, bbls., f.o.b. works..lb. .80 - —

Peanut oil,[1] s.d., tanks, divd., lb. .11¼- —

Phenylacetic, bots.....lb. 1.85 - 3.00

Phosphoric,[6] pure food grade, 50%, bbls., c.l., works, frt. equald..100 lbs. 4.00 - 4.25
cbys., works, frt. equald, 100 lbs. 4.35 - 4.60
l.c.l., 10 or more, works, frt. alld..100 lbs. 5.25 - 6.25
1 to 9 cbys., works, frt. alld..100 lbs. 6.25 - 7.25
tankdagon, divd. N. Y., Phila., Met. area..100 lbs. 4.00 - —
75%, bbls., c.l., works, frt. equald..100 lbs. 4.75 - 5.00
cbys., works, frt. equald, 100 lbs. 5.10 - 5.35
l.c.l., 10 or more, works, frt. alld..100 lbs. 7.00 - 8.50
1 to 9 cbys., works, frt. alld..100 lbs. 8.00 - 9.50
tankcars, works, frt. equald..100 lbs. 4.00 - 4.25
tankwagon, divd. N. Y., Phila. Met. area..100 lbs. 4.75 - —

USP, 100-lb. cbys., c.l.....lb. .10¼- —
10 cbys. to c.l.....lb. .11½- —
2 to 9 cbys.....lb. .12 - —
single cbys.....lb. .13 - —
70-lb. cbys.....lb. .10¼- —
25 cbys. to c.l.....lb. .11½- —
5 to 24 cbys.....lb. .12 - —
1 to 4 cbys.....lb. .13 - —
10% dilut., cbys., djns....lb. .07¼- —

Picramic, kgs.....lb. .65 - .70

Picric, bbls.....lb. .35 - —

Propionic,[1] synth., pure, 55-gal. dms., works..lb. .19½- —
tanks, works.....lb. .18½- —

Pyrogallic, tech., bbls.....lb. 1.45 - —
cns. .....lb. 1.63 - —
USP, cryst., dms.....lb. 2.10 - 2.15
resub., dms.....lb. 2.60 - 2.65

Pyroligneous, bbls., divd. E.gal. .30 - —

Ricinoleic, com'l, split (see Acid, castor oil, split).

Salicylic,[1] tech., bbls., c.l....lb. .26 - —
100 lbs. to c.l.....lb. .33 - —
smaller lots.....lb. .34 - .42

USP, bbls., c.l.....lb. .28 - —
100 lbs. to c.l.....lb. .35 - —
smaller lots.....lb. .36 - .44

Sebacic, tech., dms., works..lb. .55 - .57

Soybean oil,[3,6] s.d., dms....lb. .16½- .18½
tanks, works.....lb. .11 - —

Stearic,[1,6] double-press, bgs..lb. .15¾- .16¾
single press, bgs.....lb. .14¾- .15¾
triple press, bgs.....lb. .13¾- .19½

Succinic, bbls.....lb. .75 - —

Sulphanilic, CP, bots., works.lb. 1.60 - 1.63
tech., dms., works.....lb. .17 - —

Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 up, works..100 lbs. 1.50 - —
10 to 24, works...100 lbs. 1.60 - —
1 to 9, works...100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —

66°, cbys., c.l., E. works.... 100 lbs. 1.50 - —
tanks, E. works.....ton.16.50 - —

96°, tanks, works.....ton.17.50 - —

CP, USP, consumers, cbys., lb. .08 - —
9-lb. bots.....lb. .17 - —
dealers, cbys.....lb. .06½- —
9-lb. bots.....lb. .15½- —

fuming, 20%, tanks, E. works. ton.19.50 - —

Tannic, tech., bbls., dms....lb. .71 - .73
USP, fluffy, bbls., 1,000 lbs.lb. 1.33 - —
smaller lots.....lb. 1.35 - 1.38
powd., bbls., 1,000 lbs....lb. 1.13 - —
smaller lots.....lb. 1.15 - —

Tartaric, USP, cryst., gran., powd., bbls., 10,000 lbs., 1 ship't'..lb. .70½- —
smaller lots.....lb. .71 - —
kgs. .....lb. .71½- —

Tobias, bbls.....lb. .55 - .60

Trichloroacetic, bots.....lb. 2.00 - 2.50

Tungstic,[6] CP, 100-lb. pkgs..lb. 2.94 - 3.10
pure, 100-lb. pkgs.....lb. 2.86 - —

Aconite leaves, bls.....lb. 1.40 - 1.45
Root, bls.....lb. 1.20 - 1.25

Aconitine, amorph., bots.....oz.23.00 -28.00
15-gr. vials.....vial. 1.00 - —
cryst., bots.....oz.42.00 -48.00
15-gr. vials.....vial. 1.60 - —

Acrylonitrile,[6] dms., frt. alld..lb. .39½- —
5,000 lbs. or more, works..lb. .40 - —
1 ton to 4,999 lbs., works..lb. .40½- —
1 dm. to 1 ton, works.....lb. .41 - —
tankcars, frt. alld.....lb. .39 - —

Adeps lanae,[1,4] USP, anhyd., dms., primary distributors, lb. .34 - .35¼
producers .....lb. .30 - .33

Adeps lanae, hyd., dms., primary distributors..lb. .32½- .34
producers .....lb. .31 - .32
Adeps lanae prices for primary distributors, f.o.b. St. Louis, 1c. higher.

Agar,[4] .....lb. 3.50 - —
San Diego, Cal.....lb. 3.00 - —

Agaric, white, bls.....lb. 3.75 - 4.00

Albumen, blood, dark (see Blood, soluble).
light, dms., Chicago.....lb. .65 - .73
egg, edible,[1] cryst., powd...lb. 1.87 - 1.95
granular .....lb. 1.82 - 1.90
tech., cryst., bbls.....lb. 1.65 - 1.75

Alcohol, amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., frt. alld. E. of Miss. R..lb. .141 - —
l.c.l., frt. alld.....lb. .151 - —
tanks, frt. alld.....lb. .131 - —

Benzyl, cns.....lb. .65 - .75
dms.....lb. .68 - —

Butyl, normal,[1,6] ferment., Ill. Ind., prod., dms., frt. alld. E..lb. .1980-
l.c.l., frt. alld. E...lb. .2030-
tanks, frt. alld. E....lb. .1850-
other production, dms., c.l., frt. alld. E..lb. .1950-
l.c.l., frt. alld. E...lb. .2000-
tanks, frt. alld. E....lb. .1850-
synthetic, dms., c.l., frt. alld. E..lb. .11¾- —
l.c.l., frt. alld. E....lb. .12¼- —
tanks, frt. alld. E.....lb. .10¾- —

[6] Normal butyl alcohol prices West, ½c. per lb. higher.

secondary,[6] dms., c.l., frt. paid E. of Miss..lb. .091 - —
l.c.l., same basis.....lb. .096 - —
tanks, same basis.....lb. .085 - —
tertiary, denat., dms., c.l..lb. .125 - —
l.c.l., dms.....lb. .13 - —
tanks .....lb. .11 - —

Cetyl, dom., CP, fiber ctns., 1,000 lbs..lb. 1.80 - —
smaller lots.....lb. 1.90 - 2.00

Cinnamic, bots.....lb. 3.00 - —

Denatured,[1,6] CD14, dms., c.l., divd. E..gal. .84½- —
19 dms., works, E...gal. .85½- —
1 to 18 dms., works, E..gal. .86½- —
tanks, E., divd.....gal. .50 - —
Tankcar sales require written authorization by Alcohol Tax Unit.
SD1, 190 pf., bbls., c.l., E. works..gal. .82 - —
19 bbls., E. works..gal. .84 - —
1 to 18 bbls., E. works, gal. .87 - —
tanks, E. works.....gal. .80 - —
Anhydrous 3c. per gal. higher.
SD2B, bbls., c.l., wks., E.gal. .90 - —
19 bbls., works, E...gal. .92 - —
1 to 18 bbls., works, E., gal. .95 - —
tanks, E. works.....gal. .88 - —
SD23G (replaced by SD23H).
SD23H, works, c.l., bbls..gal. .61½- —
19 bbls.....gal. .63½- —
1 to 18 bbls.....gal. .66½- —
tanks, E. works.....gal. .49½- —
SD29, denatured, wood alcohol-dehyde, bbls., c.l., E. works, gal. .62½- —
l.c.l., 19 or more, E. works..gal. .66 - —
1 to 18, E. works..gal. .69 - —
tanks, E. works.....gal. .50½- —
When any of the several SD29 denaturants is supplied by the purchaser, the prices are the same as those for SD2B, plus 1½c. per gal. denaturing charge.
Special solvent, dms., c.l., works..gal. .58½- —
19 dms. to c.l.....gal. .57½- —
1 to 18 dms.....gal. .60½- —
tanks, E. works.....gal. .51 - —
Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone,[6] acetone-free, dms. c.l., divd..lb. .11½- .14½
l.c.l., divd.....lb. .11¾- .15
tanks, divd.....lb. .10¾- .12½
tech., dms., c.l., divd.....lb. .11 - .12½
l.c.l., divd.....lb. .11¾- .14
tanks, divd.....lb. .10 - .12½

Ethyl,[6] 190 pf., dms., c.l...gal.17.64½-
19 dms.....gal.17.68 -
1 to 18 dms.....gal.17.71 -
tanks .....gal.17.60 -
absolute, dms., c.l.....gal.18.62 -
18 dms.....gal.18.65½-
1 to 17 dms.....gal.16.68½-

Ethylhexyl, dms., c.l., wks..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —

Furfuryl, tech., cns., works..lb. .36 - —
dms., c.l., works.....lb. .22½- —
l.c.l., works.....lb. .23 - .35
tanks, works.....lb. .20 - —

Isoamyl (see Carbinol isobutyl).

Isobutyl,[6] refd., dms., works..lb. .0980-
tanks, works.....lb. .0760-

Isopropyl,[1,6] refd., 91%, dms., 5 gals., divd..gal. .66¾- —
55 gals., c.l., divd....gal. .39 - —
l.c.l., divd.....gal. .43¼- —
tanks, frt., alld.....gal. .34 - —
99%, dms., 5 gals., divd.gal. .65 - —
55 gals., c.l., divd....gal. .44 - —
l.c.l., divd.....gal. .47 - —
tanks, frt., alld.....gal. .37½- —

Methyl (see Methanol).

Octyl (see Alcohol, ethylhexyl).

Phenylethyl, bots., cns.....lb. 2.10 - 2.60

Polyvinyl, type A, fiber-pack, Niagara Falls..lb. .65 - .70
type B, fiber-pack, same basis, lb. .60 - .63

Propyl, normal, dms., wks..gal. .67 - .70

Wartime Status of Materials

Applications of WPB and OPA regulations to materials listed in this section are indicated by superior figures as follows:—

[1]—Specific price ceiling
[2]—Price agreement (sellers with OPA)
[3]—General Limitation Order (L order)
[4]—General Preference Order (M order)
[5]—Conservation Order (M order)
[6]—Allocation

Alcohol, tetrahydrofurfuryl, dms., c.l., Waverly, N. Y..lb. .40 - —
smaller lots, same basis...lb. .44 - .50
cns., Cedar Rapids, Ia.....lb. .55 - —
Aldehol, denat. grade, dms., tanks, works..gal. .70 - .72
Aldol, dms., works.....lb. .13 - .15
denat., grd., dms.....gal. 1.20 - —
Aletris root, bgs.....lb. 2.50 Nom.
Algin, bbls., fib. dms.....lb. .79 - 1.50
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. No stocks
Allspice,[1] Mexican, bgs.....lb. .18½- .19
Aloe, Cape, cs.....lb. .29 - .30
Curacao, kgs.....lb. .65 - .80
Socotrine, kgs.....lb. .55 - .60
Aloin, bbls., dms., kgs.....lb. 5.45 - 5.54
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .82 - —
Alphapicoline, ret. dms., works, frt. equald..lb. .23½- .28½
Alphapinene, dms., c.l., wks.gal. .82½- —
l.c.l., works.....gal. .84½- —
tanks, works.....gal. .79½- —
Alphaterpineol, dms., c.l., works, lb. .1340- —
l.c.l. .....lb. .1390- —
tanks .....lb. .1200- —
Alphatocopherol, amp.....gram. 1.00 - 1.10
Althea root, bls.....lb. .60 - .65
Alum, ammonia,[2] burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works...100 lbs. 4.00 - —
dlvd., N. Y., Phil..100 lbs. 4.00 - —
lump, bbls., works...100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
powd., bbls., works...100 lbs. 4.40 - —
dlvd., N. Y., Phil..100 lbs. 4.40 - —
potash, gran., bbls., kgs..lb. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
lump, bbls., works...100 lbs. 4.50 - —
dlvd., N. Y., Phil..100 lbs. 4.50 - —
powd., bbls., works...100 lbs. 4.65 - —
dlvd., N. Y., Phil..100 lbs. 4.65 - —
Alum potash, chrome, bbls....lb. .12¼- .15
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina, ground, classified, grade, kgs., works..lb. .35 - .40
top grade, ground, kgs., works, lb. .60 - .67
unclassified, ground, kgs., works..lb. .10¼- .46
Acetate, basic solut., 24%, bbls., dlvd..lb. .10½- .11
solut., 20%, bbls., dlvd...lb. .09½- .10
Chloride, anhyd.,[2] com'l, dms., c.l., works..lb. .08 - —
l.c.l., works.....lb. .09 - .12
cryst., com'l, dms., c.l., works, lb. .06 - —
l.c.l., works.....lb. .06½- .06¾
solut., 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., works...lb. .03¼- —
Fluoride, bbls.....lb. .35 - .40
Hydrate,[6] heavy, bgs., c.l., works..lb. .024 - .031
bbls., c.l., works.....lb. .027 - .034
l.c.l., works.....lb. .04 - —
light, bgs., dlvd.....lb. .14½- —
bbls., dlvd.....lb. .15 - —
Hydroxide, gel, tech., min. 15% AOH_3, dms., 10,000 lbs. or more, f.o.b. ship't point..lb. .03 - .03¼
ton lots, same basis...lb. .03 - .03¼
smaller lots, same basis, lb. .03¾- .04
USP purity, conc., 9-9½% Al_2O_3, fib. dms., works..lb. .17¾- —
contract, works.....lb. .16¾- —
14-15% Al_2O_3, fib. dms., works..lb. .20¾- —
contract, works.....lb. .19¾- —
dried, USP XII, fib. dms., works..lb. .78 - —
contract, works.....lb. .75 - —
powder, tech. (see Alumina hydrate).
USP IX, bbls., dms.....lb. .15 - .17
Laurate, prec., bbls.....lb. .25 - .26
Naphthenate, 1.7%, A1, 50-gal. dms., works..lb. .18¾- —
Oleate, dms., contract.....lb. .24¼- —
Resinate, precip., dms.....lb. .15½- —
Stearate, precip., bbls., c.l...lb. .23 - —
l.c.l. .....lb. .24 - —
Sulphate, com'l, bgs., c.l., works, frt. equald..
100 lbs. 1.15 - 1.25
l.c.l., works, frt. equald., 100 lbs. 1.40 - 1.50
bbls., c.l., works, frt. equald. 100 lbs. 1.35 - 1.45
l.c.l., works, frt. equald. 100 lbs. 1.60 - 1.70
iron-free, bgs., c.l., works... 100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.10 - —
Aluminum, 98-99%[2,3,4], c.l....lb. .15 - —
l.c.l. .....lb. .16 - —
paste,[4] lining, extra fine, 200-lb. dm..lb. .56 - .69
grade B, 250-lb. dm.....lb. .54 - —
ink, 150-lb. dm.....lb. .71 - —
standard, 200-lb. dm.....lb. .38 - —
grade B, 250-lb. dms.....lb. .36 - —
powder,[5] lining, extra fine, 150-lb. dm..lb. .93 - —
litho, 150-lb. dm.....lb. .57 - —
standard, 200-lb. dm.....lb. .59 - —
grade B, 275-lb. dm.....lb. .57 - —
rubber comp., 200-lb. dm...lb. .40 - —
unpolished, stand., 250-lb. dm. lb. .36 - —
varnish, stand., 300-lb. dm.lb. .40 - —

Aluminum powder and paste prices are f.o.b. shipping point. Add 1c. per lb. for 100-lb. dm., 1½c. for 50-lb. dm., 3c. per lb. for 10-lb. can, and 5c. to 12c per lb for smaller containers. Deduct 1c. per lb. for single shipment of 400 to 1,499 lbs., 2c. for 1,500 to 4,999 lbs., 3c. for 5,000 to 29,000 lbs., and 4c. for 30,000 lbs. or more. Where destination is within the continental U. S., a deduction equivalent to the lowest available common carrier, transportation rate will be made from sellers' invoice on orders of 200 lbs. or over.

Ambergris gray, tins.....oz.13.50 - 14.00
Aminomethylpropanol, cns., dms., works..lb. .50 - .60
Aminopyrine, dms.....lb. 4.00 - —
bots. .....lb. 4.25 - —
Ammonia,[6] anhydrous, fertilizer, tankcars, works, frt. equald. ton.59.00 - —
refrigeration, tanks, wks..ton.69.00 - —
pure, cyls.....lb. .16 - —
Aqua, 26°, cbys.....lb. .06¼- —
dms., c.l.....lb. .02¼- —
l.c.l. .....lb. .02½- —
tanks, works (NH_3 content). ton.65.00 - —
Benzoate, refined, dms., kgs., 4,000 lbs. up, frt. alld..lb. .43 - —
smaller lots, frt. alld...lb. .44 - .47
Bicarbonate, dms.....lb. .0539- .0614
Bicarbonate,[4] bbls.....lb. .23 - .25
Bifluoride, bbls.....lb. .15 - .17
Borate, gran., bbls, kgs.....lb. .1080- —
powd., bbls., kgs.....lb. .1130- —
Bromide, NF, bbls.....lb. .31 - .35
dms. .....lb. .32 - .36
Carbonate, lump, dms.....lb. .08½- .09¼
cns. .....lb. .14¼- .17¼
powdered, 1c. per lb. higher.

Ammonia chloride, tech. (see Ammoniac, sal).
USP, gran., bbls., dms., kgs.. lb. .13 - .15
Citrate, dibasic, bbls.....lb. .75 - —
dms. .....lb. .80 - .85
Fluoride, bbls.....lb. .18 - .20
Hydroxide (see Ammonia, aqua).
Hypophosphite, NF, dms....lb. 1.25 - 1.27
jars .....lb. 1.30 - 1.35
Iodide, NF, bots.....lb. 3.71 - —
jars .....lb. 3.65 - —
Linoleate, 80%, anhyd., bbls.lb. .12 - —
Molybdate,[6] c.p., cryst., kgs.lb. 1.26 - 1.28
fine cryst., bbls., kgs.....lb. .84 - .87
purified, dms.....lb. 1.10 - 1.12
Nitrate,[1,6] Canadian, fertilizer grade, 32.5 nitrogen, bgs., same N unit price, delivered, as Ammonia sulphate.
domestic, ordnance, bgs., works..ton.46.00 - —
tech., bgs., works....100 lbs. 4.35 - 8.50
bbls., works.....100 lbs. 4.55 - —
Oleate, dms.....lb. .14 - —
Oxalate, purif., gran., bbls., kgs..lb. .27 - .33
Perchlorate, kgs.....lb. .55 - .65
Persulphate, kgs.....lb. .25½- .28½
Phosphate, dibasic, NF V, bbls., kgs..lb. .31 - .39
tech., bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - .08½
monobasic, pure, bbls.....lb. .40 - .45
tech., bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - .08½
Salicylate, NF, dms., kgs...lb. 1.15 - 1.18
Silicofluoride, bbls.....lb. .15 - .18
Stearate, anhydrous, dms.....lb. .34 - —
paste, dms.....lb. .18½- —
Sulphamate, bbls., works....lb. .18 - .24
Sulphate,[1,6] dms., bulk, inland producing ovens..ton.28.20 - —
Atlantic coast ports...ton.29.20 - —
Sulphide, liquid, 40-45%, basis 100%, dms., c.l., works..lb. .07½- —
l.c.l., dlvd.....lb. .15 - —
tanks, dlvd.....lb. .07½- —
red, 48%, cbys., works.....lb. .08 - —
dms., works.....lb. .06 - —
yellow, 33%, cbys., works..lb. .08 - —
dms., works.....lb. .06 - —
Sulphocyanide, CP, bbls.....lb. .55 - —
jars .....lb. .97 - —
tech., bbls.....lb. .17 - .19
Thioglycolate, 100%, bbls....lb. 7.10 - —
Ammoniac gum (see Gum, ammoniac).
Sal, gray, bbls., c.l., works.. 100 lbs. 5.50 - 5.75
l.c.l., same basis..100 lbs. 6.00 - 6.70
white, gran., bbls., c.l., works. 100 lbs. 4.45 - —
l.c.l., same basis..100 lbs. 5.15 - —
Amyl acetate, ex fusel oil, tech., dms., c.l., dlvd..lb. .12½- .17
l.c.l., dlvd.....lb. .13 - .17½
tanks, dlvd.....lb. .11½- .16
ex-pentane, dms., c.l., frt. alld. E. of Miss. R..lb. .15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Alcohol (see Alcohol, amyl).
Butyrate, dms.....lb. .75 - .90
Caproate, dms.....lb. 2.75 - —
Chloride, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
tanks, works.....lb. .06 - —
Ether, dms., c.l., works....lb. .09½- —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .08½- —
Nitrite, USP, bots.....lb. 1.72 - 1.80
Mercaptan, dms., works.....lb. 1.10 - —
Oleate, dms., works.....lb. .31 - —
Salicylate, bots.....lb. .80 - 1.25
Stearate, dms., works.....lb. .42 - —
Amylene, dms., c.l., works....lb. .10½- —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Amylnaphthalene, mixed, crude, dms., works..lb. .14 - —
refd., dms., works.....lb. .16 - —
Anethol, com'l, dms., works...lb. .657 - .662
NF, bots.....lb. 2.10 - 2.35
cans .....lb. 1.90 - 2.25
Angelica root, dom., bls.....lb. No prices
Angostura bark, bls.....lb. .20 - .21
Aniline[6] oil, dms., c.l., works, frt. alld..lb. .11½- —
l.c.l., works, frt. alld...lb. .12½- —
tanks, works, frt. alld....lb. .10½- —
Salt, dms., works.....lb. .22 - .24
Anise,[1] Cyprus, bgs.....lb. .29 Nom.
Bulgarian, bgs.....lb. .29 - .29½
Mexican, recleaned, bgs.....lb. .19 - .19½
Turkish, bgs.....lb. No stocks
Anisic aldehyde, bots.....lb. 2.90 - 3.00
Annatto,[6] paste, bxs.....lb. .34 - .39
Seed, bgs.....lb. .08½- —
Anthracene, 80-85%, bbls., works, lb. .55 - —
90%, bbls., works.....lb. .65 - —
Anthraquinine, 99.5%, bbls....lb. .70 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal,[1,4] bulk, c.l., works...lb. .14½- .17½
Needle,[1] Bolivian, brown, 67%, cs., lb. .18½- —
Chinese, black, 70%, cs.....lb. .20 - .22
Oxide,[1,6] bgs., c.l.....lb. .15 - —
l.c.l. .....lb. .15½- —
Salt,[1] 65%, bbls., dlvd. E. of Miss. River..lb. .40 - —
Sulphide,[1] 65-70%, bbls., c.l., works..lb. .17 - —
l.c.l., works.....lb. .17½- —
Antipyrine, bbls., kgs., ton....lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.20
Apomorphine, bots.....oz.23.20 -23.70
Apple syrup,[1] bbls.....lb. .16 - .16½
Archil extract, bbls.....lb. No stocks
Areca nuts, powd., bbls.....lb. .24 - .25
Arecoline hydrobromide, bots..oz.12.25 - —
Argols, min. 70%, bgs., Argentine port, 100 kilos, 100% purity.70.00 -72.00
Arnica flowers, bls.....lb. 3.15 - 3.60
Arrowroot, powd., bgs., bbls..lb. .10 - .10½
Arsenic,[6] metal, lump, c.l....lb. No prices
Chloride (arsenous), bots....lb. 1.55 - —
Iodide (arsenous), 5-lb. bots.lb. 5.58 - —
jars .....lb. 5.43 - —
Sulphide, yellow, bbls.....lb. .52 - .55
bots. .....lb. .60 - .64
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .04 - —
l.c.l. .....lb. .04¾- —
Asafetida, cs.....lb. .45 - .68
powd., bbls., dms.....lb. .55 - .82
Asbestine (see Talk, N. Y. fibrous).
Asbestos fiber, 5D and 5K, bgs., c.l. (20 tons), Canad. mines. ton.49.50 - —
5R, bgs., same basis....ton.44.60 - —
6D, bgs., same basis....ton.33.00 - —
7D, bgs., same basis....ton.28.50 - —
7F, bgs., same basis....ton.26.50 - —
7H, bgs., same basis....ton.22.50 - —
7K, bgs., same basis....ton.19.00 - —
7M, bgs., same basis....ton.16.50 - —
7R, bgs., same basis....ton.15.50 - —
Asphaltum, Manjak No. 1, crude, dms., works..lb. .05½- .12
process form, bgs., wks.lb. .05¾- .13
jet, bgs. 2,000 lbs., gross weight Colo. mines..ton.30.50 - —
Barbados, Dunellen, N. J...lb. .10½- —
California, dms., c.l.....ton.36.40 - —
l.c.l. .....ton.41.40 - —
Asphaltum, Cuban A, bulk, c.l., N. Y..ton.60.00 - —
l.c.l., same basis.....ton.90.00 - —
B, bulk, c.l., N. Y.....ton.38.50 - —
l.c.l., same basis.....ton.55.00 - —
Egyptian, substitutes, bgs., l.c.l., refinery N. J. or Ill..lb. .08 - —
Gilsonite, brilliant black, selects, 340° F. fusing point, bgs., mines..ton.32.90 - —
290-295° F. fusing point, bgs., mines..ton.30.50 - —
270° F. fusing point, bgs., mines..ton.30.50 - —
seconds, 370-390° F. fusing point, not uniform, bgs., mines..ton.25.50 - —
300-330° F. fusing point, not uniform, bgs., mines. ton.25.50 - —
jet, bgs., ton lots, gross wght., Colo. mines..ton.30.50 - —
Mexican, ref'd., dms., c.l., Texas refy..ton.21.00 - —
l.c.l., same basis.....ton.21.00 -23.00
tanks, same basis.....ton.16.00 - —
Atropine, bots.....oz.15.00 - —
Sulphate, bots.....oz. 7.75 - 8.15

B

Balm of Gilead buds, bgs.....lb. 1.05 - 1.15
Barbasco root,[2,6] (see Cube root).
Barberry, root bark, bgs.....lb. .78 - .80
Barbital, dms.....lb. 3.50 - 3.60
sodium, dms.....lb. 3.75 - —
Barium[6] carbonate, natural, 99% thru 200 mesh, bgs., c.l., works..ton.43.00 - —
precip., bgs., c.l., works..ton.60.00 -70.00
l.c.l., works.....ton.65.00 -75.00
bbls., c.l., works.....ton.65.00 -75.00
l.c.l., works.....ton.70.00 -80.00
Chlorate,[6] kgs.....lb. .38 - —
Chloride, CP, cryst., bbls....lb. .25 - .27
pure, bbls., kgs.....lb. .10 - .12
tech., cryst., bgs., c.l., works. ton73.00 - —
l.c.l., same basis.....ton.78.00 - —
bbls., c.l., same basis..ton.75.00 - —
l.c.l., same basis....ton.80.00 - —
Dioxide, dms., c.l., works....lb. .10 - —
l.c.l., works.....lb. .12 - .13
Fluoride, bbls.....lb. .18 Nom.
Hydrate (see Hydroxide).
Hydroxide, bbls., works.....lb. .06 - .07
Iodide, bots.....lb. 4.62 - 4.82
Monoxide (see Oxide).
Nitrate, bbls., c.l., works....lb. .09½- .11
l.c.l., works.....lb. .10 - .11½
Oxide, dms., c.l., works.....lb. .08 - —
l.c.l., same basis.....lb. .10 - .12
grd., dms., l.c.l., works....lb. .11 - .15
Peroxide (see Dioxide)
Silicofluoride, bbls.....lb. .17 - .19
Stearate, ctns., 1 ton up....lb. .31 - —
smaller lots.....lb. .32 - —
Sulphate, tech. (see Barytes, and Blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs .....lb. .12 - —
Barytes, floated, bbls., c.l., St. Louis..ton.27.65 - —
l.c.l., same basis.....ton.28.65 - —
ex whse., N. Y.....ton.36.00 - —
paper bags, c.l., St. Louis.ton.25.35 - —
l.c.l., same basis.....ton.26.35 - —
ex whse., N. Y.....ton.34.00 - —
Southern, off-color, bgs., mines, ton.17.50 - —
93.75%, bgs., mines.....ton.18.00 - —
Ore, bulk, mines.....ton. 8.00 - —
Bauxite,[6] blk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Barberry bark, bgs.....lb. .12 - .13
Belladonna leaves, bls.....lb. .95 - 1.05
Root, bls.....lb. .90 - 1.00
Bentonite, 200 mesh, bgs., works. ton.11.00 - —
325 mesh, bgs., works.....ton.16.00 - —
Benzaldehyde,[6] NF, dms.....lb. .85 - 1.25
tech., cbys., dms.....lb. .45 - .55
Benzene (see Benzol).
Benzidin base, bbls.....lb. .70 - —
Benzocaine, cns.....lb. 3.20 - 3.55
Benzol,[6] (benzene), pure, nitration and 90%, dms., works, gal. .20 - —
tankcars, E. of Omaha, frt. alld. up to 2c. per gal..gal. .15 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .15 - —
Benzophenone, dms.....lb. 1.15 - 1.20
Benzoyl chloride, cbys.....lb. .26 - .28
Peroxide, pure, gran., fib. ctns, works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .59 Nom.
dms. .....lb. .55 Nom.
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., dms.lb. 1.00 - 1.10
Chloride, cbys., frt. equald..lb. .22 - .24
Cinnamate, cns.....lb. 5.15 - 5.50
Formate, cns.....lb. 3.00 - 3.50
Isoeugenol, bots.....lb. 9.50 - —
Propionate, bots.....lb. 1.85 - 2.50
Salicylate, bots.....lb. 1.90 - 2.15
Benzylidinacetone, bots.....lb. 2.00 - 2.50
Berberine bisulphate, cns.....lb. No stocks
Hydrochloride, bots.....lb. No stocks
Sulphate, cns.....lb. No stocks
Berberis root, bls.....lb. .25 - .26
Betanaphthol, resublimed, dms., works..lb. .55 - .60
tech., bbls., c.l., works....lb. .23 - —
l.c.l., works.....lb. .24 - —
Benzoate, flb, dms., works..lb. 1.75 - —
Salicylate, bots.....lb. 5.00 - —
Betanaphthylamine, tech., works, lb. .51 - —
Betapicoline, 90%, ret. dms., c.l., wks..lb. 1.60 - —
l.c.l., same basis.....lb. 1.85 - —
95%, same basis.....lb. 2.05 - —
98-99%, same basis.....lb. 2.20 - —
Beth root, bls.....lb. .45 - .46
Bismuth[6] chloride, bots.....lb. 3.00 - —
jars .....lb. 2.85 - —
Citrate, USP VIII, bots.....lb. 2.81 - 2.86
jars .....lb. 2.75 - —
Hydroxide, bots.....lb. 3.41 - 3.46
cns. .....lb. 3.35 - —
Metal, ton lots.....lb. .25 - —
Nitrate, cryst., bots.....lb. 1.41 - 1.46
cns. .....lb. 1.30 - —
Oxychloride, bots.....lb. 3.14 - 3.19
cns., kgs.....lb. 3.10 - —
Subbenzoate, bots.....lb. 3.51 - —
flb. dms.....lb. 3.40 - —
Subcarbonate, USP, bbls., dms. lb. 1.50 - 1.53
bots., cns.....lb. 1.59 - 1.63
X-ray, 5-lb. bots.....lb. 2.79 - —
flb. dms.....lb. 2.73 - —
Subgallate, NF, bots., cns...lb. 1.49 - 1.53
flb. dms.....lb. 1.40 - 1.43
Subiodide, bots.....lb. 4.19 - 4.25
flb. dms.....lb. 4.13 - —
Subnitrate, USP, powd., bbls., dms..lb. 1.20 - 1.23
bots. .....lb. 1.29 - 1.33
Subsalicylate, USP, 82 - 66%, bbls., flb. dms..lb. 2.50 - —
bots., cns.....lb. 2.51 - 2.59
Sulphocarbolate, bots.....lb. 3.71 - 3.76
flb. dms.....lb. 3.65 - —
Bismuth-ammonia citrate, USP, powd., dms..lb. 3.40 - —
cns. .....lb. 3.45 - 3.50
Bisphenol-A, bgs., c.l., works..lb. .22 - —
l.c.l., works.....lb. .23 - —
Black, acetylene,[2] bgs., c.l., works..lb. .14 - —
l.c.l., same basis.....lb. .18 - —
Bone 1A, bgs., bbls., c.l., frt. alld E..lb. .17 - —
2, bgs., bbls., c.l., same basis, lb. .12 - —
3, bgs., bbls., c.l., same basis, lb. .11 - —
4, bgs., bbls., c.l., same basis, lb. .08½- —
400A, bgs., bbls., c.l., same basis..lb. .08¼- —
457, bgs., bbls., c.l., same basis..lb. .11½- —

Bone black l.c.l. prices are ½c. higher than c.l. Pacific coast, ex dock, or whse., prices are 1½c. higher.

Carbon,[6] heads, compressed, bgs., c.l., works..lb. .03550- —
bgs., ctns., l.c.l., dlvd. or whse..lb. .07½- —
regular, uncompressed, bgs., c.l., works..lb. .03625- —
bgs., ctns., l.c.l., dlvd. or whse..lb. .08 - —
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, pure, bbls., l.c.l., works..lb. .08½- —
Lamp, 1, ctns., works.....lb. .08½- —
l.c.l., works.....lb. .09 - —
2, ctns., c.l., works.....lb. .10 - —
l.c.l., works.....lb. .11 - —
2A, ctns., c.l., works.....lb. .12 - —
l.c.l., works.....lb. .13½- —
3, ctns., c.l., works.....lb. .14½- —
l.c.l., works.....lb. .15½- —
4, ctns., c.l., works.....lb. .16½- —
l.c.l., works.....lb. .17½- —
5, ctns., c.l., works.....lb. .20 - —
l.c.l., works.....lb. .26 - —
6, ctns., c.l., works.....lb. .26½- —
l.c.l., works.....lb. .27½- —
7, ctns., c.l., works.....lb. .37½- —
l.c.l., works.....lb. .38½- —
Mineral, vine type, bbls., l.c.l., works..lb. .04¾- —
Vine A, bbls.....lb. .04½- .05
B, bbls.....lb. .05¾- —
kegs .....lb. .06 - —

Black dyes listed under Dyes.

Black haw root bark, bls.....lb. .85 - .90
Tree bark, bls.....lb. .30 - .35
Black Indian hemp root, bls...lb. No stocks
Blanc fixe, dry, by-product, bgs., c.l., works..ton.60.00 - —
l.c.l., works.....ton.67.50 - —
direct process, bgs., c.l., works, ton.70.00 - —
l.c.l., works.....ton.75.00 - —
bbls., c.l., works.....ton.75.00 - —
l.c.l., works.....ton.80.00 - —
pulp, 66⅔%, bbls., c.l., works, ton.40.00 - —
l.c.l., same basis.....ton.46.50 - —
Bleaching powder,[2,6] dms., c.l., works..160 lbs. 2.50 - 3.10
l.c.l., works.....100 lbs. 2.75 - 3.60
Blood,[1] dried, 16-16½% ammon., bgs., unit-ton. 5.53 - —
high-grade, unground, 16-17% ammon., bulk, Chicago, unit-ton. 5.53 - —
soluble, bgs., c.l., Chicago...lb. .13½- —
smaller lots, Chicago.....lb. .15 - .20
Bloodroot, bls.....lb. .75 - 1.00
Blue,[1] alkali, dry, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. 1.75 - —
toner, bbls., same basis...lb. .85 - .90
Celectial, bbls., same basis...lb. .10 - .12
Cobalt,[6] genuine, bbls., same basis..lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper phthalocyanin, full strength, bbls., same basis, lb. 3.50 - 3.75
80%, bbls., same basis....lb. 3.00 - —
green shade, bbls., same basis..lb. 4.50 - 4.70
Iron, Chinese, bbls., same basis, lb. .36 - —
Milori, bbls., same basis...lb. .36 - —
Prussian, bbls., same basis, lb. .36 - —
soluble, bbls., same basis..lb. .36 - —
Molybdated, Victoria, same basis..lb. 3.15 - —
Peacock, fugitive, 100% color strength, same basis..lb. .52 - —
permanent, toner, green shade, molybdic..lb. 3.50 - —
tungstic .....lb. 4.00 - —
Potash, CP, bbls., same basis, lb. .42 - —
Soda, CP, bronze, bbls., same basis..lb. .36 - —
Ultramarine, dry or pulp, cobalt grades, bbls., same basis..lb. .23 - .27
job grades, bbls., same basis, lb. .12 - .13
reg. grades, bbls., same basis, lb. .17 - .27
Victoria, toner,[1] molybdic, bbls., lb. 3.15 - —
tungstic, bbls.....lb. 3.30 - —
ink toner, bbls., same basis, lb. 1.83 - —
syn. vehicle, bbls., same basis..lb. 1.93 - —
Violet, toner, molybdic, kgs., same basis..lb. 1.25 - —
tungstic, kgs., same basis, lb. 2.10 - —

Blue dry colors, dlvd. prices ½c. higher Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (El Paso, 2c.); Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph: 1.6c. higher, Pac. Coast: Denver, Pueblo, Salt Lake City, Wichita, frt. equalized with Chicago.

Blue dyes are listed under Dyes.

Blueflag root, bls.....lb. .55 - .75
Blue mass, NF, cns., tubs....lb. 1.29 - 1.46
powd., bots., cns., dms.....lb. 1.32 - 1.46
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).
Bone, raw, bulk, Chicago....ton.57.50 -65.00
junk, bulk, same basis....ton.35.00 - —
meal, 4½% ammond., 50% phos., bgs., E. works..ton.37.50 - —
Chicago, works.....ton.39.50 - —
steamed, feeding grade, 1% ammon., 60% phos., bgs., E. works..ton.48.50 - —
Chicago, works.....ton.51.00 - —
fertilizer grade, 3% ammon., 50% phos., bgs., E. works, ton.38.50 - —
Chicago, works.....ton.37.00 - —
Precipitated (see Calcium phosphate tribasic, precip.).
Phosphate, defluorinated (see D).
Boneset leaves, bls.....lb. .15 - .17
Borage flowers, bls.....lb. .45 - .60
Borax,[2] tech., 90½%, gran., bulk, c.l., frt. alld....ton.41.50 - —
bgs., c.l., frt. alld....ton.45.00 - —
ton lots, ex whse....ton.56.00 - —
less ton lots, ex whse.ton.61.00 - —
bbls., c.l., frt. alld...ton.55.00 - —
ton lots, ex whse....ton.66.00 - —
less ton lots, ex whse.ton.71.00 - —

OPD—7-24-1944

Acids

★

CITRIC

LACTIC

MALIC

PHOSPHORIC

TARTARIC

AND OTHERS

May we submit our list?

WILLIAM D. NEUBERG COMPANY

Chemicals

GRAYBAR BUILDING • 420 LEXINGTON AVE • NEW YORK 17, N. Y.
TELEPHONE LEXINGTON 2-3324

Borax, tech., 99½% powd., bgs., frt. alld..ton.50.00 - —
ton lots, ex whse....ton.61.00 - —
less ton lots, ex whse.ton.66.00 - —
bbls., c.l., frt. alld....ton.66.00 - —
ton lots, ex whse....ton.71.00 - —
less ton lots, ex whse.ton.76.00 - —
USP, $15 per ton higher.
Bordeaux mixt., dms., c.l., whse., works, frt. alld..lb. .11 - —
l.c.l., same basis.....lb. .11½ - —
Bornyl thiocyanoacetate (see Isobronyl thiocyanoacetate).
Brasilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., ca., 1,000 lbs., frt. alld. E. of Rockies..lb. .25 - .30
single pkgs., same basis..lb. .30 - .35
Bromoform, USP, bots.....lb. 1.50 - —
cbys.....lb. 1.42 - —
Bromstyrol .....lb. 4.30 - 5.00
Bronze powder, aluminum (see A).
gold, litho., cns., dms., works, lb. .60 - .65
moulding, cns., dms., same basis..lb. .80 - 1.00
printing ink, cns., dms., same basis..lb. .85 - 1.20
radiator, cns., dms., same basis..lb. .45 - .50
Broomtop, bls.....lb. .13 - .15
Brown,[2] iron-oxide, pure, precip., cks., works..lb. .12 - —
metallic, bbls., c.l., works..lb. .02½ - —
Sap, crystals, works.....lb. .12 - —
powdered .....lb. .13 - —
Sienna, burnt, American, bbls., works..lb. .03¾ - .05
pap. bgs., c.l., same basis, lb. .0235 - —
Italian type, bbls., works.lb. .08¾ - .10¾
raw, American, bbls., works, lb. .04 - .10
Italian type, bbls., works.lb. .08 - .10
Umber, American, bbls., works, lb. .03¾ - —
Italian type, bbls., works, lb. .04¾ - —
Turkey type, bbls., l.c.l., f.o.b. Boston, Bethlehem, Easton, Pa.; N. Y..lb. .04¾ - —
St. Louis, Chicago, Indianapolis, New Orleans..lb. .05½ - —
Minneapolis .....lb. .0535 - —
Pittsburgh .....lb. .05 - —
ex car, Los Angeles..lb. .05¾ - —
Portland, San Francisco, Seattle..lb. .05½ - —
ex whse., Los Angeles.lb. .05¾ - —
Portland, San Francisco, Seattle..lb. .05¾ - —
Vandyke, reg., bbls., works..lb. .09 - —
special, bbls., same basis..lb. .12 - —
Brucine, 100-oz. cns.....oz. .35 - —
Sulphate, 100-oz. cns.....oz. .30 - —
Byronia root, bls.....lb. .65 - .75
Buchu leaves, bls.....lb. .80 - .85
Buckthorn bark, bls.....lb. .75 - .80
Berries, bgs.....lb. .70 - .75
Burdock root, bls.....lb. .30 - .32
Burgundy pitch, dms.....lb. .06 - —
Butane,[1] indust., tanks, Group 3, gal. .03½ - —
Butyl acetate, normal,[1,6] ferment, Ill., Ind., prod., dms., c.l., frt. alld. E. of Miss R., lb. .1895 - —
l.c.l., frt. same basis, lb. .1945 - —
tanks, same basis.....lb. .1795 - —
other production, dms., c.l., same basis..lb. .1900 - —
l.c.l., same basis....lb. .1950 - —
tanks, same basis....lb. .1800 - —
synthetic, dms., c.l., same basis..lb. .11¾ - —
l.c.l., same basis.....lb. .12¼ - —
tanks, same basis.....lb. .10¾ - —
Normal butyl acetate, W. of Miss. R., ½c. per lb. higher.
secondary,[1,6] dms., c.l. dlvd. E. of Miss. R..lb. .09½ - —
l.c.l., same basis.....lb. .10 - —
tanks, same basis.....lb. .08½ - —
Alcohol (see Alcohol, butyl).
Aldehyde, dms., c.l., works..lb. .15½ - —
l.c.l., works.....lb. .16¼ - —
tanks, works.....lb. .14½ - —
Carbinol, secondary, l.c.l., dms., works..lb. .09 - —
Chloride, normal, dms., c.l., works..lb. .32 - —
l.c.l., works.....lb. .35 - —
Ether (see Ether, butyl).
Lactate, dms., works.....lb. .26½ - —
Laurate, dms., works.....lb. .42 - —
Myristate, dms., works.....lb. .41 - —
Oleate, ref., dms., works....lb. .35 - —
tech., dms., works.....lb. .29 - —
Phenylacetate, dms.....lb. 2.00 - 2.25
Phthalate (see Dibutyl Phthalate).
Propionate, dms., dlvd.....lb. .16½ - .17
tanks .....lb. .15½ - —
Stearate, dms.....lb. .31 - .31½
Butyric ether, bots.....gal. 6.50 - 6.95
cns., works.....lb. .65 - .70
dms., works.....lb. .60 - —

C

Cadmium bromide,[6] jars.....lb. 1.65 - 1.70
bots. .....lb. 1.84 - 1.91
Iodide,[6] bots.....lb. 4.23 - —
cns. .....lb. 4.09 - —
Lithopone (see Yellow).
Metal,[1,4] pat. shapes, cs., dlvd., lb. .95 - —
Ingots or sticks.....lb. .90 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine,[1,6] dms., makers primary distrib., 100 lbs. or more..lb. 2.80 - 2.88
25 to 100 lbs.....lb. 2.93 - 3.10
smaller lots .....lb. 3.15 - 3.25
anhydrous, dms., 100 lbs. or more..lb. 3.00 - 3.08
25 to 100 lbs.....lb. 3.15 - 3.30
smaller lots .....lb. 3.35 - 3.45
Citrated, dms., makers primary distrib., 100 lbs. or more..lb. 1.95 - —
smaller lots .....lb. 2.05 - 2.30
Hydrobromide, bots.....lb. 5.29 - 5.37
Calabar beans, bgs.....lb. .35 - .40
Calamus root, dom., bls.....lb. .40 - .45
Calcium acetate, bgs., dlvd..... 100 lbs. 3.00 - 4.00
Arsenate,[6] bgs., c.l., whse., works, frt. alld..lb. .07 - .08
l.c.l., same basis.....lb. .07½ - .08½
Bromide, jars .....lb. .65 - .70
Carbide,[1,6] dms., c.l., works, ton.50.00 - —
dlvd. .....ton.87.00 -95.00
Carbonate (see Chalk and Whiting).
Chloride, flake 77-80%, paper, bgs., c.l., dlvd..ton.18.50 -35.00
l.c.l. 15 tons, dlvd...ton.21.50 -25.50
5-ton lots .....ton.28.50 -41.00
liquor, basis 40% tanks, wks. ton. 7.50 - —
purified, crystl., bbls., jars..lb. .28 - .39
solid, 73-75%, dms., c.l., dlvd. ton.18.00 -31.50
Calcium chloride, solid, 73-75%, dms., l.c.l., 15 tons, dlvd. ton.21.45 -25.45
5-ton lots .....ton.28.45 -40.95
Calcium chloride prices vary according to zone min. prices, spot, C.l. prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags; drums $3.50 per ton over paper bags.
Gluconate, USP, gran., bbls..lb. .52 - —
dms. .....lb. .57 - .58
cns. .....lb. .70 - —
Powd., 2c. per lb. lower.
Glutamate, kgs. .....lb. 1.50 - —
Glycerophosphate, fiber dms., 1,000-lb. lots..lb. 1.29 - —
10-lb. lots .....lb. 1.40 - —
cns., 25 lbs. .....lb. 1.65 - —
Hypophosphite, cns. .....lb. .62 - .65
Iodide, bots., jars.....lb. 4.04 - 4.10
Lactate, edible, 100 lbs., dms., lb. .21 - —
USP, bbls. .....lb. .35 - .37
Laurate, bbls. .....lb. .28 - .29
Malate, dense, fluffy, dm..lb. 2.05 - 2.30
Naphthenate, 4% Ca, 50-gal. dms..lb. .22½ - —
Pantothenate, dex., 100-gram bots..per gram. .10 - —
Phosphate, feeding grade, bgs., works..ton.75.00 - —
food grade, bbls., 10 or over, works..lb. .07 - .07¾
5 to 9 bbls., works.....lb. .08 - .09
1 to 4 bbls., works.....lb. .10 - —
medicinal, dibasic, bgs..... 100 lbs.11.40 -18.00
monobasic, cryst., bgs., c.l., works, frt. equald..lb. .05¾ - —
l.c.l., frt. equald.....lb. .06 - .06½
tribasic, bbls., c.l., works.lb. .0635 - —
Resinate, precip., 5.3% Ca, 100-lb. drs..lb. .15½ - —
Silicate, hydrated, 50-lb. paper bgs., c.l., works..lb. .05½ - —
l.c.l., works.....lb. .06 - —
Stearate, precip., bbls., c.l., works..lb. .25 - —
l.c.l., same basis.....lb. .26 - .28
Sulphate (see Gypsum).
Sulphide, 70%, bgs., c.l., works, ton.45.00 - —
80%, bgs., c.l., works....ton.50.00 - —
luminous, tins, works.....lb. 1.00 - —
Sulphocarbolate, bbls. .....lb. .49 - —
Tallate, 3%-4% Ca, 50-gal. drs..lb. 13¼ - .19½
Calcium-strontium sulphide, phosphorescent, dms., works..lb. 1.00 - 1.50
fine particle size, works, lb. 1.50 - 1.75
Calendula flowers, bls.....lb. 3.25 - 3.30
Calomel,[2] bbls., dms.....lb. 1.88 - 1.89
Camphor, natural.....lb. No stocks
synth., tech., bbls., contract, 2,000 lbs. or more, works, lb. .42 - —
10 bbls. (1,500 lbs.)....lb. .44½ - —
5 to 9 bbls.....lb. .45 - —
1 to 4 bbls.....lb. .46 - —
smaller lots.....lb. .48 - .55
USP, gran., powd., bbls., 2,000-lb. lots..lb. .69 - —
1,000-lb. lots.....lb. .70 - —
smaller lots.....lb. .71 - —
tablets, 2,000-lb. lots....lb. .82 - —
1,000-lb. lots.....lb. .83 - —
smaller lots.....lb. .84 - —
Monobromate, dms.....lb. 3.10 - 3.25
Canada balsam (see Fir balsam).
Cantharides .....lb. No stocks
Capsicum (see Pepper, red).
Caramel coloring, bbls.....gal. .70 - 1.10
Caraway seed,[1] Morocco, dewhiskered, bgs..lb. .69 - .70
Syrian, dewhiskered, bgs....lb. .66 - .67
Spanish, dewhiskered, bgs...lb. .68 - .70
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller lots, works.....lb. .80 - —
98%, dms., ton lots, works...lb. .75 - —
smaller lots, works.....lb. .85 - —
Carbinol, butyl, norm. (see Amyl alcohol, normal).
Diethyl, l.c.l., works.....lb. .60 - —
Dimethylethyl, l.c.l., works..lb. .60 - —
Isobutyl, dms., c.l., works..lb. .22½ - —
l.c.l., works.....lb. .23½ - —
tanks, works.....lb. .21½ - —
Carbon bisulphide, 55-gal. dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾ - —
5-gal. dms., c.l., same basis, lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
Dioxide, cyls.....lb. .06 - .08
Tetrachloride,[1,6] 5one 1, 52½-gal. dms., c.l., frt. alld., gal. .73 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .60 - —
l.c.l., frt. alld.....gal. .87 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.04 - —
l.c.l., frt. alld.....gal. 1.14 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .94 - —
l.c.l., frt. alld.....gal. 1.00 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.17 - —
l.c.l., frt. alld.....gal. 1.27 - —
Zone 4, 52½-gal. dms., c.l., gal. .83 - —
l.c.l. .....gal. .90 - —
5 or 10-gal. dms., c.l....gal. 1.07 - —
l.c.l. .....gal. 1.17 - —
Carbon tetrachloride prices are frt. alld. with the exception of Zone 4, where prices are f.o.b. cars, L. A., S. F., Cal.; Portland, Ore., and Seattle, Wash. Sales zones are:—1, Conn., Del., Ill., Ind., Ia., Me., Mass., Md., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., O., Pa., R. I., Tenn., Va., W. Va., Wis., and river cities of Burlington, Ia., and Kansas City, Kans.; 2, Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; 3, Colo., N. Mex., Tex., and Montana points E. of Billings; 4, Ariz., Cal., Idaho, Nev., Ore., Utah, Wash. and Montana points W. of Billings.
Cardamom,[1] bleached, cs.....lb. 1.30 - 1.40
decorticated, cs.....lb. .95 - 1.00
green, bgs.....lb. .60 - .62
Carotene, crystalline (alpha, 10%; beta, 90%), amps, 100 grams, dlvd. gram. 2.85 - —
50 grams, dlvd.....gram. 2.90 - —
Carvol, bots.....lb.22.50 -23.00
Cascara sagrada bark, bulk....lb. .31 - .32
Case hardening mixture, 30%, gran., dms., l.c.l..lb. .09¾ - —
slabs, dms., l.c.l.....lb. .08¾ - —
Casein,[1,5] dom., acid-precip., bgs., 100 or more, ship't point..lb. .24 - —
20 to 99, same basis....lb. .24¼ - —
less than 20, same basis, lb. .24¾ - —
rennet-precip., bgs., 100 or more, same basis..lb. .25½ - —
20 to 99, same basis....lb. .25¾ - —
less than 20, same basis, lb. .26¼ - —
imp., acid-precip., ground, bgs., 100 bgs. or more..lb. .18 - .19
rennet-precip., unground, bgs., 100 bgs. or more..lb. .20½ - .21
Cassia,[1] .....lb. No stocks
Cassia fistula, bskts.....lb. .23 - .24
Castor beans, f.o.b. Brazilian ports..long ton.75.00 - —
Oil (see Oil, castor).
Pomace,[1] bgs., c.l., works, unit-ton. 2.90 - —
Castoreum, nat., cns.....lb.12.50 -13.00
synth., bots.....lb.19.00 - —
Catechol, CP, cryst., works, dms., tins..lb. 2.25 - 2.40
resublimed, frt. alld. E. of Miss., dms..lb. 3.50 - —
Catnep, bls.....lb. .27 - .28
Celery seed,[1] Indian, bgs.....lb. .19 - .19½
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate,[4,6] flake, ctns., works, frt. alld..lb. .30 - .35
granules, ctns., same basis..lb. .35 - —
Triacetate,[4,6] flake, ctns., works, frt. alld..lb. .30 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works.....lb. .37 - —
Oxide, optical grade, kgs., 100-lb. lots, works..lb. 1.50 - —
smaller lots, bgs., same basis..lb. 2.00 - —
Chalk, precipitated, cosmetics, dentifrices, and drugs, bgs., c.l., works..lb. .02¾ - —
paint and other industries, bgs., c.l., works..ton.40.00 - —
papermakers, bgs., c.l., works, ton.32.50 - —
rubbermakers, bgs., c.l., works, ton.30.00 - —
Chamomile, Hungary type, cs..lb. .50 - .60
Roman, bls.....lb. No stocks
Charcoal, pinewood,[1,6] gran., pulv., bgs., c.l., f.o.b. producers' plants in South..ton.30.20 - —
l.c.l., same basis.....ton.41.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract,[1,6] clarif., 25%, bbls., c.l., works..100 lbs. 2.85 - 3.85
l.c.l., works.....100 lbs. 3.10 - 4.10
tanks, works.....100 lbs. 2.25 - 3.25
powdered, 65% tannin, bgs., c.l., works..100 lbs. 6.50 - 9.10
l.c.l., works.....100 lbs. 7.25 - 9.85
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.16.00 - —
bulk, c.l., works...ton. 7.60 - —
200 mesh, bgs., c.l., wks, ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet grd., silkbolt 99.9%, 325 mesh, bulk, c.l., works, ton. 9.50 - —
paper bgs., c.l., works.ton.12.50 - —
import, white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila..ton.19.00 -24.00
powd., cks., l.c.l., ex whse, ton.41.00 - —
Chloral hydrate, jars.....lb. .93 - .98
dms. .....lb. .90 - .95
Chlorinated rubber,[6] standard, ctns., 100 lbs. up, works..lb. .32 - —
smaller lots, works.....lb. .35 - —
Chlorine,[2,6] liquid, cyls., frt. alld. contracts .....lb. .05¼ - —
l.c.l. .....lb. .07¼ - —
tanks, single units, works, frt. equald100 lbs. 1.75 - —
multiple units, 3 or over, works, frt. equald..... 100 lbs.2.00 - —
2, wks., frt. equald.100 lbs. 2.50 - —
1 wks., frt. equald.100 lbs. 3.00 - —
Chloroform, tech., dms.....lb. .20 - .23
USP, dms.....lb. .30 - .33
Chloropicrin, com'l, 180-lb. cyls., works, frt. alld..lb. .80 - —
100-lb. cyls., same basis....lb. .82 - —
25-lb. cyls., ex whse.....lb. 1.00 - —
1-lb. bots., ex whse.....lb. 1.25 - —
Choline chloride, 70%, dms....lb. 3.00 - 3.10
Dihydrogen citrate, fib. dms.lb. 3.00 - 3.10
Chrome acetate, powd., 24%, bbls. lb. .22 - —
solut., 8%, bbls., cs.....lb. .07½ - —
7½%, bbls., cs.....lb. .06½ - —
Cake, bulk, c.l., works.....ton.16.00 - —
Ore,[1] residue, paper bgs., c.l., works..ton.15.00 - —
Oxide (see Green, chrome).
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chyrsarobin, bot.....lb. 6.03 - 6.09
Cinchona bark,[6] red, quill, USP, 10 in., cs..lb. 1.20 Nom.
broken, bgs.....lb. .19 Nom.
yellow, quill, bgs.....lb. .19 Nom.
Cinchonidine,[6] small, cryst., cns., 100 oz. .80 + .13⅛*
sulphate, NF, cns., 100 ozs..oz. .89 + .13⅛*

* Surcharge to cover present war-risk insurance, higher ocean freight rates and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchonine,[6] small, cryst., cns., 100 ozs..oz. .62 + .13⅛*
large cryst., cns., 100 ozs.oz. .66 + .13⅛*
Sulphate, NF, cns., 100 ozs..oz. .42 + .13⅛*

* Surcharge to cover present war-risk insurance, higher ocean freight rates and other expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchophen, NF, bots.....lb. 3.70 - 3.80
dms. .....lb. 3.50 - 3.60
Heavy density cinchophen 20c. per lb. higher.
Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, cns., dms.....lb. 2.00 - 3.90
Cinnamon,[1] Ceylon, 2, bls.....lb. .53 - .53½
No. 2, bls.....lb. .52 - .53
chips, bgs.....lb. .56 Nom.
Citral, bots., cns.....lb. 2.85 - 4.75
Citrine ointment,[3] jars, dms....lb. .91 - 1.11
Citronellal, bots., dms.....lb. 2.75 - 3.25
Citronellol, bots., dms.....lb. 6.00 - 7.00
Cloves,[1] Madagascar, bls.....lb. .18½ - .19
Zanzibar, bls. .....lb. .19 - .19½
Clover tops, red bgs.....lb. No prices.
Coaltar, coal-gas, crude, bbls., l.c.l., works..bbl. 8.25 - —
l.c.l., works.....bbl. 8.75 - —
tanks, works.....gal. .07½ - —
refd., bbls., c.l., works...bbl. 8.75 - —
l.c.l., works .....bbl. 9.25 - —
tanks, works .....gal. .08½ - —
water-gas, crude, dms., c.l., works..bbl. 8.25 - —
l.c.l., works.....dm. 8.75 - —
refd., dms., c.l., works..dm. 9.25 - —
Cobalt acetate,[6] bbls., kgs., dlvd., lb. .83¾ - —
feed grade, 49.5% Co., kgs..lb. 1.25 - —
Carbonate,[6] powd., bgs., works, lb. 1.58 - —
feed grade, 23% Co., kgs...lb. 1.83 - —
Chloride, kgs., works.....lb. .87½ - —
feed grade, 24.5% Co., kgs..lb. 1.25 - —
Hygrade,[6] bbls. .....lb. 2.04 - —
feed grade, 62% Co., ⅛gs...lb. 2.25 - —
Linoleate, paste, 8% dms....lb. .32 - .35
solid, 8½%, dms.....lb. .44 - —
Naphthenate, 6% Co., 50-gal. dms..lb. .31 - —
Nitrate, feed grade, 20.4% Co., kgs..lb. 1.25 - —
Cobalt oleate, bbls.....lb. .44 Nom.
Oxide,[6] black, kgs.....lb. 1.84 - —
Phosphate, feed grade, 34% Co., kgs..lb. 1.75 - —
Resinate, precip., 7.5% Co., 100-lb. dms..lb. .38½ - —
Soyate, 8%-8.5% Co., 50-gal. dms..lb. .42 - .44
Sulphate,[6] dms.....lb. .65 - —
feed grade, 21% Co., kgs...lb. 1.00 - —
Cobalt salts, feed grade, quotations are f.o.b. Philadelphia, Cleveland, or New York.
Cobalt-ammonium sulphate, 14% Co., kgs..lb. .75 - —
Cocaine hydrochloride, 100-oz. lots, cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .37 - .38
silver, Teneriffe, bgs.....lb. .38 - .39
Cocoa butter,[1] bulk, ship't pt..lb. .25 - —
Cocillana bark, bgs.....lb. .28 - .30
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs..oz.10.50 - —
Phosphate, cns., 100 ozs....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh root, black, bls.....lb. .18 - .20
blue, bls. .....lb. .18 - .20
Colchicine, bots., cns.....oz. No stocks.
Cochicum seed .....lb. No stocks.
Collodion, USP, dms.....lb. .19½ - .20¼
cns. .....lb. .23 - .29¼
flexible, USP, dms. .....lb. .21 - .22
cns. .....lb. .25 - .31
Colocynth pulp, bls.....lb. .60 - .65
Colombo root, bls.....lb. .17 - .18
Coltsfoot leaves, bgs.....lb. .90 - 1.00
Condurango bark, bg.....lb. .12 - .15
Copaiba balsam, Peru, cns....lb. .47 - .49
S. A., USP, cns.....lb. .50 - .52
Copper acetate,[6] cupric, bbls., dlvd..lb. .24 - —
smaller containers, dlvd..lb. .26 - .50
Carbonate,[6] 52-54%, bbls....lb. .19½ - .20
Chloride,[6] anhyd., bbls.....lb. .22½ - .23
crystals, bbls. .....lb. .14¾ - .17
Cyanide,[6] tech., bbls.....lb. .34 - .38
Iodide, bots. .....lb. 5.15 - 5.19
Metal,[1,3,5] electrolytic.....lb. .12 - .12½
Naphthenate, 6%-8% Cu, 50-gal. dms..lb. .15 - .17
Nitrate,[6] tech., cryst., bbls..lb. .16¾ - .20
Oleate, precip., bbls.....lb. .22½ - .29¼
Oxide,[6] black, bbls., works..lb. .19 - .28
red, com'l, kgs.....lb. .20 - .22
Oxychloride-sulphate,[6] bgs...lb. .17 - .20
Resinate, precip., 8.3% Cu, 125-lb. dms..lb. .15½ - .16
Sulphate,[1,6] 99%, cryst., bgs., c.l., works..100 lbs. 5.00 - —
7,200 to 36,000 lbs....100 lbs. 5.15 - —
2,700 to 7,200 lbs....100 lbs. 5.25 - —
700 to 2,700 lbs.....100 lbs. 5.50 - —
monohydrated, bgs., in dms., c.l., dlvd..100 lbs. 9.95 - —
l.c.l., same basis...100 lbs.10.95 - —
dms., c.l., dlvd., same basis, 100 lbs. 8.95 - —
l.c.l., same basis...100 lbs. 9.95 - —
Copperas, cryst., gran., bgs., c.l., works..ton.17.00 - —
bbls., c.l., works.....ton.20.00 - —
l.c.l., 25, works.....100 lbs. 1.55 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra, Coast, ship't. .....lb. No prices
Coriander seed,[1] Indian, bgs..lb. No stocks
Morocco, bgs.....lb. No stocks
Cornsilk, bls.....lb. .24 - .25
Corn sugar, tanners,[6] chipped, bgs., c.l., dlvd..100 lbs.3.905 - —
slabs, bbls., c.l.....100 lbs.3.825 - —
Syrup, 42°, bbls., c.l.....100 lbs.4.221 - —
43°, bbls., c.l.....100 lbs.4.271 - —
Corrosive sublimate,[3] cryst., dms., 50 lbs. or more..lb. 1.59 - —
gran., powd., dms., 50 lbs. or more..lb. 1.44 - —
Cottonroot bark, bls.....lb. .18 - .19
Cottonseed hull ash, 33-36% pot-ash, bgs., dlvd., unit-ton. 1.00 - —
Meal,[1] 41% protein, Memphis, c.l..ton.45.00 -49.75
Coumarin,[1] cns., makers, primary distrib., 5 lbs. or more..lb. 2.75 - —
smaller lots.....lb. 2.90 - 3.10
Cramp bark, NF, bls.....lb. .80 - .85
Cream of tartar, USP, gran., or powd., bbls., 5,000 lbs. one ship't..lb. .57½ - —
smaller lots, bbls.....lb. .58 - —
kgs. .....lb. .58½ - —
Creosote carbonate, bots., cbys., lb. 2.10 - 2.39
Coaltar, oil,[2] crude, tanks, works..gal. .15½ - —
refd., bbls., l.c.l., works.gal. .26 - —
tanks, works.....gal. .18 - .18½
solution, tanks, works....gal. .141 - —
Wood, beech, bots.....lb. 1.04 - —
cbys., dms.....lb. .85 - —
Hardwood, USP, bots.....lb. .60 - .77
Pine, dms. .....gal. .28 - —
Cresol,[2,6] special resin grades, dms., c.l., works, frt. equald., lb. .09½ - .10½
l.c.l., same basis.....lb. .10 - .11
tanks, same basis.....lb. .08¾ - .09¾
USP, dms., c.l., works, freight equald..lb. .10¾ - .11¼
l.c.l., same basis.....lb. .11¼ - .11¾
tanks, same basis.....lb. .10 - .10½
Crotonaldehyde, 97%, 55 and 110 gals., l.c.l., works..lb. .15 - —
5 and 10-gal. dms., works..lb. .18 - —
Cryolite, nat.,[4] bgs., bbls., c.l., 100 lbs. 9.50 - —
smaller lots.....100 lbs.10.00 - —
synth.,[4] bgs., bbls., c.l., frt. alld. E. of Miss. R..lb. .08½ - —
smaller lots, works.....lb. .09¼ - —
Cube root, 5% rotenone, bbls., works..lb. .40 - —
4% rotenone, bbls., works..lb. .52 - —
Cubeb berries, XX, bgs.....lb. No stocks
powd., cs. .....lb. No stocks
Culver's root, bls.....lb. .27 - .28
Cumin seed, Cyprus, bgs.....lb. No stocks
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. No stocks
Persian, bgs.....lb. No stocks
Cyanamide,[6] fertilizer mixing grade, guaranteed 21% N., pulv., bgs., Niagara Falls, Ont., contracts..unit-ton. 1.82½ - —
20.6% N., gran., bulk, same basis..unit-ton. 1.62½ - —
Cyclohexane, 98-100%, works..lb. .14 - .16
tech., dms., c.l., frt. alld. E..lb. .10½ - —
l.c.l., frt. alld. E.....lb. .11 - —
tanks, frt. alld. E.....lb. .09½ - —
Cyclohexane prices are 1c. per lb. higher, frt. alld., in Cal., Ore., Tex., and Wash.; 2c. higher in Ariz., Col., Ida., Kans., Mont., Neb., Nev., N. D., N. M., Okla., S. D., Utah, and Wyo.
Cyclohexanol, 98-100%, works..lb. .21 - .23
Cyclohexanone, 98-100%, wks..lb. .30 - .32
tech., dms., c.l., frt. alld. E., lb. .30 - —
l.c.l., frt. alld. E.....lb. .30½ - —
tanks, frt. alld. E.....lb. .29 - —
Cyclohexanone prices are 1c. per lb. higher, frt. alld., in Cal., Ore., Tex., and Wash.; 2c. higher in Ariz., Col., Ida., Kans., Mont., Neb., Nev., N. D., N. M., Okla., S. D., Utah, and Wyo.
Cyclopropane, USP, cyls., dlvd., gal. .27 - —

D

Dandelion root, bls.....lb. .30 - .32
Decanol,[6] normal, tech., dms., divd..lb. .35 - —
Deertongue, bls.....lb. .28 Nom.
Defluorinated phosphate,[1] paper bgs., works..ton.34.25 - —
Degras,[1,6] common, bbls.....lb. .10 - .12
neutral, 2% ffa, bbls.....lb. .26 - .29
over 2% ffa, bbls.....lb. .25 - .27
Damiana leaves, bls.....lb. .16 - .17
Derris root (same as Cube root).
Dextrin, British gum, bgs., c.l., 100 lbs. 5.29 - —
Chicago .....100 lbs. 4.93 - —
l.c.l. .....100 lbs. 5.39 - —
Chicago .....100 lbs. 5.03 - —
Corn, canary, bgs., c.l...100 lbs. 5.04 - —
Chicago .....100 lbs. 4.68 - —
l.c.l. .....100 lbs. 5.14 - —
Chicago .....100 lbs. 4.78 - —
white, bgs., c.l.....100 lbs. 4.97 - —
Chicago .....100 lbs. 4.61 - —
l.c.l. .....100 lbs. 5.07 - —
Chicago .....100 lbs. 4.71 - —
Potato, bgs., c.l.....lb. .10 - —
l.c.l. .....lb. .10¼- .11¼
Diacetone (see Alcohol, diacetone).
Diacetyl, bots.....lb. 6.00 - 7.00
Diamyl ether (see Amyl ether).
Phthalate,[6] dms., c.l., divd..lb. .2170- .2200
l.c.l., divd.....lb. .2220- .2250
tanks, divd.....lb. .2070- .2100
Sulphide, l.c.l., dms., works..lb. .25 - —
Diamylamine, dms., c.l., wks..lb. .61 - —
l.c.l., works.....lb. .64 - —
Diamylphenol, 2:4, dms., c.l., works..lb. .18 - —
l.c.l. .....lb. .21 - —
Diatomaceous earth, dom., CP., bgs., c.l., Atlantic Coast, lb. .07 - —
l.c.l., ex whse.....lb. .10 - .16
nat., bgs., c.l., Pacific Coast, ton.22.00 -25.00
l.c.l., ex whse.....ton.45.00 - —
purified, bgs., c.l., Atlantic Coast..ton.55.00 -59.00
l.c.l., ex whse.....tcn.85.00 -90.00
imported, Algerian, bgs., c.l., Atlantic Coast..ton. No prices
Mexican, white, bgs., c.l., Atlantic Coast..lb. .02 - .03
l.c.l. .....lb. .04 - .06
Dibutyl phthalate,[6] 5-gal. cns., works..lb. .2490- —
1-gal. cns., same basis..lb. .2690- —
dms., c.l., same basis....lb. .1960- .2110
l.c.l., same basis.....lb. .2010- .2160
tanks, same basis.....lb. .1860- .2010
Sebacate, dms., works.....lb. .497 - .517
Tartrate, dms.....lb. .92 - 1.02
Dibutylamine, dms., c.l., works, lb. .61 - —
l.c.l., works.....lb. .64 - —
Dichloroethyl ether,[6] dms., c.l., works..lb. .15 - —
l.c.l. .....lb. .16 - —
tanks .....lb. .14 - —
Diethanolamine,[6] dms., c.l., frt. alld. in E..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —
Diethyl carbonate, com'l, dms..lb. .25 - —
refd., 99%, dms.....lb. .30 - —
Oxalate, dms., c.l., divd.....lb. .3020- —
l.c.l., divd.....lb. .3070- —
Phthalate,[6] dms., c.l., divd..lb. .2025- .2120
l.c.l. .....lb. .2075- .2170
tanks .....lb. .1925- .2050
Diethyl sulphate, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .19 - —
tanks .....lb. .12 - —
Diethylamine, dms., c.l., works, lb. .76 - —
l.c.l., works.....lb. .81 - —
Diethylaminoethanol,[6] l.c.l., dms., works, frt. alld. E. of Miss. R..lb. .75 - —
Diethylanilin, dms.....lb. .40 - —
Diethyleneglycol,[6] dms., c.l., frt. alld. in E..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
tanks, same basis.....lb. .13½- —
Monobutylether, dms., works..lb. .22½- .24½
Monoethylether,[6] dms., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks, works.....lb. .13½- —
Digitalis leaves, dms.....lb. .60 - .65
Diglycol laurate, dms.....lb. .31 - .32
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Dillseed, cleaned, bgs.....lb. No stocks
dewhiskered, later delivery, bgs..lb. .17 - .17½
Dimethyl phthalate,[6] dms., c.l., divd..lb. .1875- —
l.c.l., divd.....lb. .1925- —
tanks, divd.....lb. .1775- —
Dimethylamine, dms., c.l.....lb. .85 - —
l.c.l., divd.....lb. .90 - —
Dimethylanilin, dms., c.l.....lb. .23 - —
l.c.l., dms.....lb. .24 - —
Dinitrobenzene, bbls., 80° min.lb. .19 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .18 - —
oily, dms.....lb. .05 - —
Dinthetoluolguanidin,[6] dms., tons, divd..lb. .44 - —
smaller lots.....lb. .46 - .47
Dioxan, dms., c.l., frt. alld.....lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene,[1,6] S.D. dms., divd. E., gal. .56 - .58
tanks, divd. E.....gal. .52 - —
dest., dist., dms., divd. E...gal. .55 - .56
tanks, divd. E.....gal. .45 - —
Diphenyl, bbls., c.l., works...lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns....lb. .48 - .50
dms.....lb. .43 - .48
Diphenylamine,[6] bbls.....lb. .25 - —
Diphenylguanidin,[6] dms., tons, lb. .35 - —
Dimethylethyl carbinol (see Carbinol).
smaller lots.....lb. .36 - .37
Divi-divi,[6] bgs., ex dock.....ton.68.00 -70.00
Doggrass root, imp., cut, NF, bls..lb. .50 - .55
dom., bls.....lb. .36 - .45
Dogwood bark, Jamaica, bls...lb. .15 - .20
Dover's powder, USP, cns....lb. 2.75 Nom.
Dragon's blood, reeds, cs.....lb. .85 - .90

Dyes, coaltar (certified colors) for foods, drugs and cosmetics:—
Red, D&C red, No. 1, cns..lb. 6.00 - —
FD&C red, No. 2, cns.....lb. 3.15 - —
FD&C red, No. 3, cns.....lb.17.50 - —
FD&C red, No. 4, cns.....lb. 5.75 - —
FD&C red, No. 32, cns.....lb. 4.15 - —
Yellow, FD&C yellow, No. 1, cns..lb. 8.50 - —
FD&C yellow, No. 3, cns..lb. 2.65 - —
FD&C yellow, No. 4, cns..lb. 2.65 - —
FD&C yellow, No. 5, cns..lb. 3.15 - —
FD&C yellow, No. 6, cns..lb. 3.15 - —

Dyes, coaltar (certified colors) for drugs and cosmetics:—
Black, D&C black, No. 1, cns., lb. 3.35 - —
Blue, D&C blue, No. 4, cns..lb.12.35 - —
Brown, D&C brown, No. 1, cns.12.35 - —
Green, D&C green, No. 5, cns., lb.12.35 - —
D&C green, No. 6, cns.....lb.12.35 - —
Orange, D&C orange, No. 4, cns..lb. 8.35 - —
D&C orange, No. 5, cns...lb.15.35 - —
D&C orange, No. 10, cns...lb.15.35 - —
Red, D&C red, No. 8, cns...lb. 2.35 - —
D&C red, No. 17, cns.....lb. 8.35 - —
D&C red, No. 18, cns.....lb.15.35 - —
D&C red, No. 19, cns.....lb.15.35 - —
D&C red, No. 22, cns.....lb. 8.35 - —
D&C red, No. 33, cns.....lb.13.35 - —
D&C red, No. 37, cns.....lb.12.35 - —
Yellow, D&C yellow, No. 7, cns..lb. 8.35 - —
D&C yellow, No. 8, cns...lb. 8.35 - —
D&C yellow, No. 11, cns...lb.10.35 - —

Dyes, coaltar (certified colors), for external use, drugs and cosmetics:—
Blue, Ext. D&C blue, No. 1, cns..lb.12.35 - —
Green, Ext. D&C green, No. 1, cns..lb.12.35 - —
Red, Ext., D&C red, No. 1, cns..lb.10.35 - —
Ext. D&C red, No. 3, cns..lb.21.35 - —
Ext. D&C red, No. 9, cns..lb. 7.35 - —
Ext. D&C red, No. 10, cns.lb.12.35 - —
Ext. D&C red, No. 13, cns.lb.12.35 - —
Yellow, Ext. D&C yellow, No. 1, cns..lb. 8.35 - —

Dyes, coaltar, for general uses[5] (numbers are those of Colour Index scale):—
36 Chrome yellow, 2G....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .70 - .80
170 Fast red A[4].....lb. .56 - .60
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R, paste...lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10
202 Chrome blue black U.lb. .35 - .42
204 Chrome black A.....lb. .42 - .45
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .90 - .95
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .85 - .88
304 Paper yellow.....lb. .88 - .90
307 Fast cyanin black B.lb. .80 - .85
326 Direct fast scarlet...lb. 2.00 - 2.25
365 Chyrophenin G.....lb. .58 - .70
382 Direct scarlet B.....lb. 1.15 - 1.20
387 Direct violet B.....lb. 1.00 - 1.30
394 Direct violet N.....lb. .80 - .85
401 Developed black BHN, lb. .45 - .60
406 Direct blue 2B.....lb. .66 - .70
415 Direct orange B.....lb. .60 - .70
419 Direct red F.....lb. .70 - .72
420 Direct brown M.....lb. .55 - .57
448 Benzo purpurin 4B...lb. .65 - .68
496 Benzo purpurin 10B..lb. .40 - .50
502 Direct azcrin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B..lb. 1.20 - 1.30

Dyes, coaltar, for general uses[5] (numbers are those of Colour Index scale):—
530 Direct pure blue.....lb. .50 - 1.00
629 Direct fast black FF.lb. .55 - 1.00
581 Direct black EW.....lb. .50 - .54
582 Direct black RX.....lb. .35 - .45
602 Direct green B.....lb. .50 - .55
594 Direct green G.....lb. .50 - .55
596 Direct brown 3GO...lb. .85 - 1.00
630 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .70 - .72
814 Direct fast yellow....lb. 2.00 - 2.25
846 Nigrosin (water soluble) lb. .35 - .50
1177 Indigo, 20% paste....lb. .15 - .16
Benzo fast black L..lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .45 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur tan.....lb. .30 - .39
Sulphur olive.....lb. .25 - .54
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80

Black:—
865 Nigrosin derivatives..lb. .36 - .44

Blue:—
7075 Alizarin astral base.lb.15.00 —
1078 Alizarin cyanin, green base..lb. 6.00

Brown:—
Brown .....lb. 1.15 - —

Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
Green .....lb. .75 - —

Orange:—
24 Sudan I.....lb. .75 - —
Red shade.....lb. .75 - —

Red:—
75 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .85 - —
680 Oil violet.....lb. .50 - —
749 Rhodamine B (oil pink). lb. 2.50 - —
1060 Anthraquinone,[6] violet base..lb. 6.00 - —

Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow OB.....lb. 1.40 - 2.00

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers' works or warehouse).

Black:—
246 Naphthol blue black S. lb. .50 - —
729 Victoria blue B.....lb. 1.85 - —
861 Indulin .....lb. .87 - —
873 Methylene gray.....lb. 1.50 - —
909 New blue P.....lb. 1.20 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —

Blue:—
714 Patent blue A.....lb. 1.05 - 1.10

Brown:—
231 Bismarck brown G...lb. .47 - .62
234 Resorcin brown Y....lb. .65 - —
235 Resorcin dark brown R. lb. .66 - —
332 Bismarck brown R..lb. .47 - .62
793 Phosphin .....lb. 4.65 - —

Green:—
5 Naphthol green B....lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B...lb. 1.55 - —
1078 Alizarin cyanin green.lb. 2.00 - —

SPOT DELIVERIES

LACTIC ACID U.S.P.

Heavy Calcined Magnesia
Sodium Sulfite, Foto Grade
Sodium Citrate, U.S.P.
Tricalcium Phosphate, U.S.P.
Zinc Sulfate

ZINC CHLORIDE SOLID

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Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers' works or warehouse).
Orange:—
10 Chrysoidin G.....lb. .44 - —
21 Chrysoidin R.....lb. .41 - —
27 Orange G.....lb. .50 - —
31 Amidonaphthol red G.lb. .42 - —
37 Amidonaphthol Red 6B. lb. .68 - —
151 Orange Y.....lb. .31 - .33
161 Orange R.....lb. .34 - —
Red:—
79 Ponceau R.....lb. .48 - —
86 Fast red B.....lb. 1.05 - —
176 Fast red A[6].....lb. .54 - —
179 Azorubin .....lb. .60 - —
183 Crocein scarlet 3BX..lb. .72 - .75
185 Cochineal red A.....lb. .60 - —
252 Brilliant crocein M...lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6B.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B.....lb. .70 - .75
681 Crystal violet B.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —
Yellow:—
10 Naphthol yellow S...lb. .88 - —
138 Metanil yellow.....lb. .56 - .58
636 Fast light yellow....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —

Dyes, coaltar, for stains, water-soluble (prices in barrels of 250 lbs each; lots of 25 lbs to a barrel, 3c. per lb. higher, f.o.b. sellers works or warehouse).
Black:—
864 Nigrosin .....lb. .36 - .44
Blue:—
860 Indulin .....lb. .60 - .70

Dyes, coaltar, for stains, water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers works or warehouse).
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .96 - —
Red:—
677 Fuchsin, magenta, base, lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow. lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet:—
680 Methyl violet base....lb. .85 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .95 - 1.00
Egg[1] albumen (see Albumen).
Yolk, dried, dom.....lb. 1.07 - 1.13
imported .....lb. No stocks
Elder flowers, bright, bls.....lb. .58 - .59
Elecampane root, bls.....lb. No stocks
Elm bark, grinding, bls.....lb. .15 - .18
powd., bbls., bxs.....lb. .25 - .26
select, bndls.....lb. .26 - .27
Emetine[6] hydrochloride, bots..oz.21.00 -33.00
Ephedra, bls.....lb. .21 - .22
Ephedrine, natural, USP, anhydrous, bots..oz. 1.15 - 1.65
Hydrochloride or sulphate, tins..oz. .95 - 1.45

Ephedrine, synthetic, USP, anhyd., bots., 100 ozs..oz. .65 - —
Hemihydrate, bots., 100 ozs. oz. .65 - —
Hydrochloride, tins, 100 ozs. or more..oz. .50 - —
Sulphate, cryst., tins, 100 ozs. or more..oz. .48 - —
Epinephrine, synth., USP, bots.. gram. .75 - —
Epsom salt, tech., bgs.....100 lbs. 1.80 - —
bbls. .....100 lbs. 1.90 - —
USP, cryst., bgs., c.l..100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.25 - —
smaller lots.....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.35 - —
smaller lots.....100 lbs. 2.60 - —
kgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
smaller lots.....100 lbs. 2.85 - —
dried, bgs., l.c.l.....lb. .08 - .09

Epsom salt prices are freight equalized with Balto., Carteret, N. J.; Chicago, Cincinnati, Cleveland, Houston, New Orleans, New York.

Ergot, USP, dms.....lb. 1.40 - 1.45
Eserine, bots.....oz. No prices
Sulphate, 1-gram vials....vial. 2.10 - —
Ether, acetic (see Ethyl acetate).
Amyl (see Amyl ether).
Butyl, l.c.l., dms., dlvd.....lb. .80 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bot., 100 lbs..lb. .93 - 1.10
Sulphuric, conc., dms.....lb. .11 - .16
USP anesthesia, hospitals, 1-lb. cns..lb. .60 - .61

Ether, sulphuric, synthetic, dms., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks .....lb. .12½- —
95-98%, dms., c.l., frt. alld. lb. .1225- .1395
l.c.l., frt. alld.....lb. .1220- .1325
tanks, frt. alld.....lb. .1070- .1175
Ethyl acetate, 95-98%, dms., c.l., frt. alld..lb. .1226- .1335
l.c.l., frt. alld.....lb. .1275- .1385
tanks, frt. alld.....lb. .1125- .1235
NF, dms.....lb. .14½- .15½
Acetoacetate, dms., c.l., works, lb. .37½- —
l.c.l., frt. alld.....lb. .39
Benzoate, bots.....lb. .90 - 1.00
Bromide, tech., dms.....lb. .50 - .55
Carbamate, dms., dlvd. E.....lb. .58 - —
Chloride, dms.....lb. .18 - .20
Cinnamate, cns.....lb. 3.25 - 3.85
Formate, dms., f.o.b. Agnue, Calif..lb. .26 - .32
Iodide, bots.....lb. 3.50 - 3.60
Lactate, dms., works.....lb. .33½- .39½
Myristate, dms., works.....lb. .55 - —
Oenanthate, dms.....lb. .75 - 1.25
Oleate, dms., works.....lb. .47 - —
Oxalate, dms., frt. alld.....lb. .33 - —
Silicate, l.c.l., dms., works..lb. .77 - —
Ethylcellulose,[6] standard, pkgs., 5,000 lbs. or more, works..lb. .50 - — smaller lots, same basis....lb. .52 - .60
Ethyldiethanolamine, dms., l.c.l., works..lb. .80 - —
Ethylene dichloride,[3] dms., c.l., works, E. of Rockies, frt. alld..lb. .0842 - —
West of Rockies, same basis..lb. .0891- —
l.c.l., works, E. of Rockies, frt. alld..lb. .0891- —
West of Rockies, same basis..lb. .0941- —
tanks, E. of Rockies, same basis..lb. .0743- —
West of Rockies, same basis..lb. .0792- —
Ethyleneglycol,[3,6] dms., c.l., frt. alld., in E..lb. .10 - —
l.c.l., same basis.....lb. .11 - —
tanks, same basis.....lb. .09 - —
Monobutylether,[6] dms., c.l., works..lb. .16½- —
l.c.l., works.....lb. .17½- .20¼
tanks, works.....lb. .15½- —
Monoethylether, dms., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- .16¼
tanks, works.....lb. .13½- —
Monoethylether acetate, dms., c.l., works..lb. .11½- —
l.c.l., dms.....lb. .12½- .15¼
tanks, works.....lb. .10½- —
Monomethylether, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Ethylethanolamine, dms., c.l., works..lb. .57 - —
l.c.l., works.....lb. .60 - —
Ethylmorphine hydrochloride, bots..oz.10.55 -10.75
Ethylidinanilin, dms.....lb. .45 - .47¼
Ethylmonoethanolamine, l.c.l., dms., works..lb. .80 - —
Ethylvanillin,[1] cns., makers, primary distrib., 5 lbs. or more. lb. 5.25 - —
smaller lots.....lb. 5.30 - 5.40
Eucalyptol, cns., dms.....lb. 2.50 - 3.00
Eucalyptus leaves, bls.....lb. .10 - .13
Eugenol, cns., dms.....lb. 2.65 - 3.25
Euphorbia, bls.....lb. .12 - .13

F

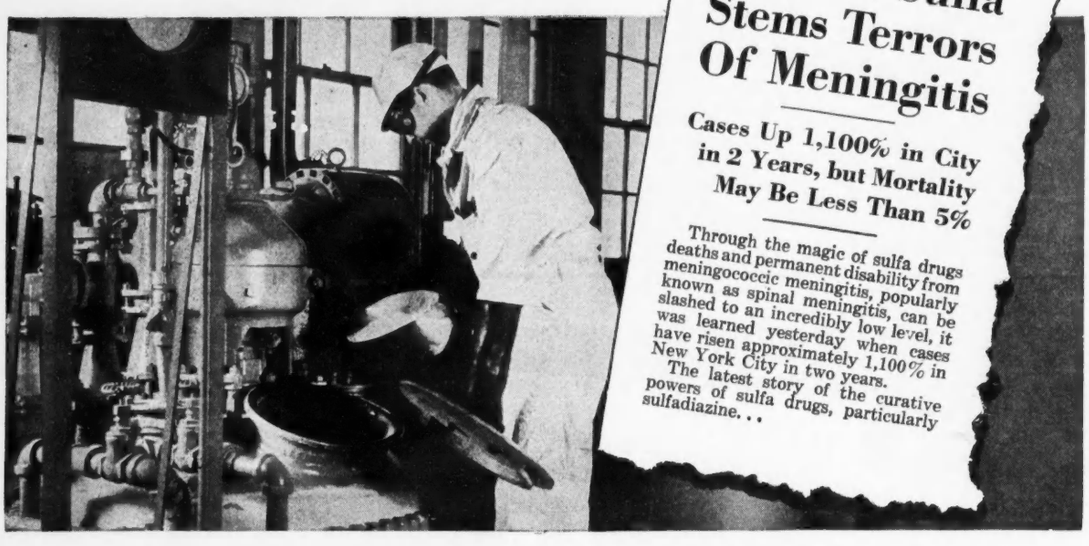
Feldspar, enamel, 100 mesh, bulk, c.l., works..ton.14.00 -17.50
bgs., min. 2 tons....ton.17.00 -20.50
Feldspar, glass, 20 mesh, bulk, c.l., works..ton. 9.75 -12.25
bgs., l.c.l., min. 2 tons..ton.12.75 -16.25
pottery, bulk, c.l., works...ton.17.00 -19.00
l.c.l., bgs., min. 2 tons..ton.20.00 -22.00
Fennel seed, Argentine, bgs...lb. No stocks
Indian, bgs.....lb. .16½ Nom.
Fenugreek seed, domestic, bgs.lb. .18¼- .18¾
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. No stocks
Ferric sulphate, anhyd., bgs., c.l., works..ton.35.00 - —
l.c.l. .....ton.40.00 - —
Film scrap, colored, cs., 50 lbs. or over, works..lb. .13½- —
smaller lots, works.....lb. .15 - —
water white, cs., 50 lbs. or over, works..lb. .14½- —
smaller lots, works.....lb. .17 - —
Fir balsam, Canada, cns.....gal.19.00 -20.00
Oregon, bbls.....gal. 2.35 - 2.50
Fisherries, bgs.....lb. .23 - .24
Fishoils (see Oil, fishliver).
Fishmeal,[1] grd., 60% protein, bgs., E. works..ton.72.50 - —
65% protein, same basis..ton.78.50 - —
Fishscrap, dried, 60% protein, bulk, East Coast..ton.66.50 - —
Flake, white, bbls.....lb. .09 - —
kegs .....lb. .11 - —
Flaxseed, French, black, bgs...lb. .70 - .72
Indian, blonde, bgs.....lb. .13 - .16
Fluorspar,[1] No. 1, ground, 95-98% CaF_2, bulk, c.l., mines, net ton.37.00 - —
washed gravel, 70% or more CaF_2, mines..net ton.33.00 - —
65%, mines.....net ton.32.00 - —
60%, mines.....net ton.31.00 - —
less than 60%, mines..net ton.30.00 - —
Formaldehyde,[1,2,6] bbls., kgs., c.l., works..lb. .0550- —
l.c.l., works.....lb. .06 - —
dms., c.l., works.....lb. .0490- —
l.c.l., works.....lb. .0540- —
tanks, works.....lb. .0360- —
Fringetree bark, bls.....lb. No stocks
Fuller's earth, dom., powdered, bgs., c.l., Fla., Ga. mines.. ton. 8.50 -15.00
Tex. mines.....ton.12.50 - —
spent, bulk, Bayonne....ton. 3.00 - —
Chicago .....ton. 4.00 - —
imp., bgs., c.l.....ton.30.00 -40.00
Furfural,[6] ref., dms., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17½- .25
tech., dms., contracts, 150,000 lbs..lb. .10 - —
c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, crude, dms., works.gal. .75 - —
refd., dms., dlvd.....lb. .18½- .19½
Fustic, cryst., No. 1, bbls...lb. .32 - —
No. 2, bbls.....lb. .30 - —
No 3, bbls.....lb. .28 - —
extract, No. 1, bbls.....lb. .16 - —
No. 2, bbls.....lb. .15 - —
No. 3, bbls.....lb. .12½- —

G

Gall salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .30 Nom.
Gambier, cube, Singapore, cs., lb. No stocks
extract, bbls.....lb. No stocks

Pharmaceutical Manufacturers:

Newspapers Daily Emphasize Sulfadiazine's Fast-Growing Popularity. Let CALCO Help You Supply This Mounting Demand.



Magic of Sulfa Stems Terrors Of Meningitis

Cases Up 1,100% in City in 2 Years, but Mortality May Be Less Than 5%

Through the magic of sulfa drugs deaths and permanent disability from meningococcic meningitis, popularly known as spinal meningitis, can be slashed to an incredibly low level, it was learned yesterday when cases have risen approximately 1,100% in New York City in two years.
The latest story of the curative powers of sulfa drugs, particularly sulfadiazine...

In CALCO'S large-capacity plants, manufacture of SULFADIAZINE is under rigid quality controls from the first step (see illustration) through every process of quantity production.

Just as the recommendation by the Surgeon General's Office of Sulfadiazine for pneumococcal, streptococcal, meningococcal meningitis and other infections fostered its widespread use among the armed forces, so now its universal endorsement by leading medical and health authorities is opening up big, new demands for this famous sulfa drug through normal pharmaceutical outlets.

Happily, CALCO'S mounting production capacity now permits the offering of Sulfadiazine to ethical pharmaceutical manufacturers generally in quantities to meet the needs of this rapidly-expanding civilian market.

Do you, too, see the opportunity for increasing sales and profits in the marketing of Sulfadiazine? If so, we suggest you talk over your requirements with CALCO right away.

Ask About These Other Available CALCO Products:

Sulfapyridine U.S.P.
(and Sodium Monohydrate)
Nicotinamide U.S.P.
Nikethamide
Sulfanilamide U.S.P.
Cinchophen N.F.
Neocinchophen U.S.P.
Sulfathiazole U.S.P.
(and Sodium Monohydrate)
Mandelic Acid U.S.P.
Methylene Blue U.S.P.
(Powder—Crystals)
Calcium Mandelate U.S.P.
Glutamic Acid HCL
Calcium and Sodium Pantothenate
Menadione
Phenothiazine
(For Veterinary Use)
Certified Colors for Pharmaceutical and Cosmetic Use

Pharmaceutical Department
CALCO CHEMICAL DIVISION
AMERICAN CYANAMID COMPANY
BOUND BROOK Calco NEW JERSEY

ARMY E NAVY

Gasoline[1] at refinery, ex tax:—
Arkansas, US motor, 72-74 octane, leaded, tanks..gal. .06 - —
Bayonne, 70 oct., tanks...gal. .092 - —
72-74 octane .....gal. .092 - .094
California, 78 oct., tanks..gal. .07½- —
Gulf Coast, US motor, 72-74 octane, tanks..gal. .06 - .06¾
80 octane, tanks.....gal. .06¾- .07
Group 3, 72-74 octane, leaded, tanks..gal. .06¾- .07
80 octane, tanks.....gal. .07¼- .07½
natural, 26-70, tanks....gal. .04¾- .05
Oklahoma-Texas, US motor, 72-74 octane, tanks..gal. .05½- .06
Pennsylvania, western, U. S. motor 70-72 octane, leaded, tanks..gal. .08¼- .08½

Gelatin, silver, label, ctns., dlvd. lb. .90 - .97
export, cases.....lb. 1.00 - —
Silver gelatin prices 5c. higher for deliveries in:—Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Tex., Utah, Wash., and Wyo.

Geisemum: root, bls.....lb. .23 - .25
Gentian root, bls.....lb. .41 - .42
grd., bbls., bxs.....lb. .46 - .47
powd., bbls., bxs.....lb. .47 - .48
Geraniol, 92-96% cns., dms....lb. 3.50 - 4.50
Ginger,[1] African, No. 1, bls...lb. No stocks
Calicut, bgs.....lb. .24½- .25
Cochin, bleached, bgs.....lb. .28 - .29
unbleached, bgs.....lb. .25½ Nom.
Jamaica, No. 1, bgs.....lb. .30 - .31
No. 2, bgs.....lb. .26½- .27
No. 3, bgs.....lb. .25½- .26
Ginseng root, wild, South. cs..lb. 8.00 - 9.00
Glaubers salt, anhyd. (see Soda sulphate).
Glaubers salt, cryst., bgs., bbls., c.l., works..100 lbs. 1.05 - 1.25
l.c.l., 5 tons up, works.... 100 lbs. 1.15 - 1.35
less than 5 tons, works.... 100 lbs. 1.25 - 1.45

Glue, bone,[2] **producers', calcium type, 24 millipoise, 36 jelly-grams, bgs., c.l., East of Midwest**..lb. .16 - —
30/58, bgs., c.l., same basis..lb. .15½- —
58/82, bgs., c.l., same basis..lb. .17 - —
82/108, bgs., c.l., same basis..lb. .18½- —
Producers' bone glue l.c.l. prices 1c. over c.l.
hide, producers,[1,5] 100-121 (jelly test in grams), bgs., c.l., dlvd..lb. .16 - .21½
122-149, bgs., c.l., dlvd....lb. .17 - .22½
150-177, bgs., c.l., dlvd....lb. .18 - .23½
178-206, bgs., c.l., dlvd....lb. .19 - .24½
207-236, bgs., c.l., dlvd....lb. .20 - .25½
237-266, bgs., c.l., dlvd....lb. .21 - .26½
267-298, bgs., c.l., dlvd....lb. .22 - .27½
299-330, bgs., c.l., dlvd....lb. .23 - .28½
331-362, bgs., c.l., dlvd....lb. .24 - .29½
363-394, bgs., c.l., dlvd....lb. .25 - .30½
395-427, bgs., c.l., dlvd....lb. .26 - .31¼
428-460, bgs., c.l., dlvd....lb. .27 - .32¼
461-494, bgs., c.l., dlvd....lb. .28 - .33½
495-529, bgs., c.l., dlvd....lb. .29 - .34½

Hide glue l.c.l., prices 1c. over c.l. Glue in bbls., ½c. over bgs. Outside prices rule on glues made wholly of imported materials; inside prices on glues made with approximately two-thirds domestic and one-third imported materials. Jobbers' prices 2c. to 3½c. over producers'. Chrome and coney glue, 267 or higher jellygram, c.l., 2c. over above prices; below 267 jellygram, 1c. higher. Freight charges above 75c. per 100 pounds may be added.

Glycerin,[1,3] **CP, BP, 98%, dms., c.l., dlvd. Zones A and C**..lb. .18¾- —
l.c.l., same basis.....lb. .19¼- —
tanks, same basis.....lb. .18½- —
USP, 95%, dms., c.l., same basis..lb. .18¼- —
l.c.l., same basis.....lb. .18¾- —
tanks, same basis.....lb. .18 - —
dynamite, high gravity, yellow distilled, dms., c.l., same basis..lb. .18¼- —
l.c.l., same basis.....lb. .18¾- —
tanks, same basis.....lb. .18 - —

Chemically pure and dynamite glycerin are sold to the U. S. government at prices 1c. lower than above.

saponification, 88%, to refiners, dms., c.l., l.c.l., or tanks, same basis..lb. .12¾- —
to individual users, dms., c.l., same basis..lb. .13¾- —
l.c.l., same basis.....lb. .14¾- —
tanks .....lb. .12¾- —
soapiye, 80%, dms., tanks, c.l., l.c.l...lb. .11½- —

Glycerin prices in Zone B, 2c. higher.

Zone A is:—Col., east of but not including these counties:—Costilla, Custer, Douglass, Fremont, Gilpin, Grand, Huerfano, Jackson, Jefferson, and Teller; all points east of and including Kan., Neb., N. Dak., Omaha, S. Dak., Texas, and Laramie county, Wyo. Zone B is territory between Zone A and C, as follows:—Ariz., Col., west of and including counties specified above Nev., New Mex., Ore., east of and including these counties:—Deschutes, Hood River, Jefferson, Klamath, and Wasco; Wash., east of and including these counties:—Chelan, Kittitas, Kilchat, Okianogan, and Yakima.

Zone C, territory west of Zone B.

Glycine, medicinal, bbls., tins.lb. 1.25 - 1.30
Glycol boriborate, dms.....lb. .22 - —
Stearate, dms.....lb. .26 - —
Gold of pleasure seed, bgs....lb. No stocks
Gold chloride, acid-brown, bots., oz. 20.75 -21.00
acid-yellow, bots.....lb. 18.75 -19.00
Gold-soda chloride, photo., bots., USP IX, bots.....oz. 14.50 -14.75
oz. 13.00 -
Goldenseal root, bls.....lb. 6.00 - 6.25
powd., bxs.....lb. 6.25 - 6.50
Grain of Paradise, bgs.....lb. No stocks
Graphite, conc., dom., crystalline, 80% through 50 mesh, carbon content, 65-70%, bgs., whse., works...lb. .04½- —
70-75% bgs., same basis..lb. .05 - —
75-80%, bgs., same basis..lb. .05½- —
80-85%, bgs., same basis..lb. .06 - —
85-90%, bgs., same basis..lb. .07 - —
90% and up, same basis...lb. .08 - —
Grease,[1,5] **house, loose**.....lb. .08¼- —
white, choice, loose.....lb. .08¾- —
Wool (see Adeps lanae and Degras).
Green, brilliant,[1] **thioflavin toner, tungstic, kgs., works**..lb. 3.75 -
molybdic, same basis ..lb. 3.25 -
Green, chrome,[1,6] **CP, dark, light, medium blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis**..lb. .23 -
11-15%, bbls., same basis.lb. .25 -
20%, bbls.. same basis...lb. .25½-
21-25%, bbls., same basis.lb. .26 -
26-30%, bbls., same basis.lb. .26½-
31-35%, bbls., same basis.lb. .27½-
36-40%, bbls., same basis.lb. .29 -
41-45%, bbls., same basis.lb. .30½-
46-50%, bbls., same basis.lb. .33 -
reduced color, 5%, bbls., same basis..lb. .06¾-
9-10%, bbls., same basis.lb. .07½-
11-13%, bbls., same basis.lb. .08 -
14-16%, bbls., same basis.lb. .08¼-
17-19%, bbls., same basis.lb. .08½-
20-21%, bbls., same basis.lb. .08¾-
22-23%, bbls., same basis.lb. .09 -
24-25%, bbls., same basis.lb. .09¼-
26-27%, bbls., same basis.lb. .09½-
28-29%, bbls., same basis.lb. .10 -
30-31%, bbls., same basis.lb. .10½-
32-33%, bbls., same basis.lb. .12 -
34-35%, bbls., same basis.lb. .13 -
36-40%, bbls., same basis.lb. .14 -
41-45%, bbls., same basis.lb. .17 -
46-50%, bbls., same basis.lb. .17½-
51-55%, bbls., same basis.lb. .18 -
56-60%, bbls., same basis.lb. .18½-
61-65%, bbls., same basis.lb. .19 -
70%, bbls., same basis....lb. .20 -
71-75%, bbls., same basis.lb. .21 -

Green, chrome, prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City and Wichita, prices are equalized with Chicago.

Oxide,[6] **pure, dms., works**..lb. .24 - —
Malachite,[1] **thioflavin toner, tungstic, bbls., works**..lb. 3.50 - —
molybdic, bbls.. works..lb. 3.00 - —
Phthalocyanin,[1] **green toner, bbls., works**..lb. 4.00 - 5.00
tetrahydroxide, bbls.....lb. .85 - —
Paris (see P).
Tungstated, brilliant, kgs....lb. 3.00 - —
emerald, kgs.....lb. 2.60 - —
Verdigris (see V).
Green dyes (see Dyes, green).
Grindelia robusta, bls.....lb. .18 - .28
Guaiac resin, cs.....lb. .48 - .49
Wood, bls.....lb. .05 - .06
Guaiacol, liq., dms.....lb. 1.75 - 2.01
Carbonate, fib. dms.....lb. 2.40 - 2.74
Guanidin carbonate,[1] **bbls., c.l., works**..lb. .57 - —
smaller lots.....lb. .58 - .73½
Guarana, powd., cs.....lb. No prices
Gum accroides (see Gum, yacca).
Aloe (see A).
Ammoniac, tears, cs.....lb. 1.20 - 1.25
Arabic, amber, sorts, bgs....lb. .11½- .12
white, sorts, 1, bgs.....lb. .28 - .80
Gum, asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 3.00 - 3.50
Sumatra, cs.....lb. .52 - 1.00
Camphor (see C).
Copal, Congo, sorted No. 30, bgs., c.l., ex dock, whse..lb. .35¾- —
31, bgs., same basis....lb. .21½- —
32, bgs., same basis....lb. .15¾- —
33, bgs., same basis....lb. .14 - —
34, bgs., same basis....lb. .09¼- —
35, bgs., same basis....lb. .15¾- —
36, bgs., same basis. ..lb. .12¾- —
Gum, copal, Congo, 37, bgs., same basis..lb. .18½- —
38, bgs., same basis....lb. .12¾- —
39, bgs., same basis....lb. .10¾- —
40, bgs., same basis....lb. .08 - —
41, bgs., same basis....lb. .11¾- —
unsorted, No. 1, bgs., c.l., same basis..lb. .14¾- —
2, bgs., c.l., same basis..lb. .12¾- —
3, bgs., c.l., same basis..lb. .11¼- —
FAD, bgs., c.l., same basis. lb. .14¾- —
East India,[1] **batu, bold, scraped, bgs., c.l., same basis**..lb. .10½- —
unscraped, same basis..lb. .09 - —
chips, same basis...lb. .12 - —
dust, same basis....lb. .06½- —
nubs and chips, same basis lb. .05¾- —
black, bold, scraped, bgs., ex dock or port, whse..lb. .12 - —
unscraped .....lb. .07½- —
nubs and chips, same basis..lb. .07¼- —
pale, Hiroe-Macassar,[1] **bold, bgs., c.l., same basis**..lb. .17¾- —
chips, same basis...lb. .11½- —
dust, same basis....lb. .05½- —
nubs, same basis....lb. .13¾- —
Singapore, Rasak, bold, bgs., same basis..lb. .22¾- —
chips, same basis...lb. .11¾- —
dust, same basis....lb. .05½- —
nubs, same basis....lb. .16¾- —
Macassar,[1] **dust, bgs., c.l., same basis**..lb. .07¾- —
MA, same basis.....lb. .09¾- —
MB, same basis.....lb. .09¼- —
WS, bgs., same basis....lb. .11¾- —
Manila, Boeas,[1] **hard, bold, amber, light, bskts., c.l., same basis**..lb. .13¼- —
dark, light, same basis, lb. .14½- —
white, same basis.....lb. .15½- —
Loba,[1] **A, bgs., c.l., same basis**..lb. .14 - —
B, same basis.....lb. .13¾- —
C, same basis.....lb. .13¾- —
CBB, same basis.....lb. .12 - —
CNE, same basis.....lb. .10 - —
D, same basis.....lb. .12¾- —
DBB, same basis.....lb. .11 - —
DK, same basis.....lb. .09½- —
DU, same basis.....lb. .08¾- —
dust, same basis.....lb. .07¾- —
MB, same basis.....lb. .09¼- —
WS, same basis.....lb. .11¾- —
Manila-Singapore,[1] **white split chips, bgs., c.l., same basis,** lb. .15¼- —
dust, same basis.....lb. .07¾- —
whse., entry point, c.l., lb. .08¾- —
Philippine,[1] **Manila, extra bold, pale scraped, bskts., same basis**..lb. .15 - —
bold, pale scraped, same basis..lb. .15 - —
extra pale, bold sorts, same basis..lb. .12¾- —
pale chips, bold, same basis..lb. .13 - —
nubs, WCB, same basis, lb. .12¾- —
seeds, dust, same basis..lb. .08¾- —
SG, same basis.....lb. .10½- —
small chips, same basis..lb. .11¾- —
Pontianak, bold, scraped, bgs., c.l., same basis..lb. .23¾- —
mixed, same basis.....lb. .17¾- —
chips, small, same basis..lb. .12¾- —
cuttings of split, same basis. lb. .19¼- —
nubs, same basis.....lb. .18 - —
Gum copal, l.c.l prices ¼c. to ½c. higher.

ENCO SOLICITS INQUIRIES

for

TARTARIC ACID — LACTIC ACID

CREAM OF TARTAR — BENZOATE OF SODA

ENCOLOID (SOYA LECITHIN) — BLEACHING POWDER

PHOSPHORIC ACID — CHLORATE OF POTASH

SAPONIN

ENCO CHEMICAL CORPORATION

FORMERLY NEUBERG CHEMICAL CORP.

441 LEXINGTON AVENUE • • NEW YORK 17, N. Y. MU-6-1990

NEUBERG CHEMICALS

Gum, dammar,[1] Batavia, A, cs., c.l., same basis..lb. .25½- —
A/C, same basis.....lb. .21½- —
A/D, same basis.....lb. .22½- —
A/E, same basis.....lb. .25½- —
B, same basis.....lb. .24½- —
C, same basis.....lb. .22½- —
D, same basis.....lb. .25½- —
E, same basis.....lb. .19½- —
F, same basis.....lb. .13½- —
dust, same basis.....lb. .13½- —

Singapore,[1] No. 1, cs., c.l..lb. .30½- —
2, bgs., same basis.....lb. .25 - —
No. 1, 2, bgs., same basis..lb. .12½- —
chips, cs., same basis...lb. .22½- —
dust, bgs., same basis....lb. .13 - —
seeds, cs., same basis...lb. .17½- —
Gum dammar, l.c.l. prices, ¼c. to ½c. higher.

Elemi,[1] cns.....lb. .09½- .09¾

Ester, ord., dms., c.l., divd., Ill., Ind., Ky., Mich., Mid.-Atl. states, N. England states, Minneapolis, N. C., Ohio, St. Louis, St. Paul, Va., W. Va..lb. .09½- —
other points, divd....lb. .10 - .11
l.c.l., divd. Ill., Ind., etc., lb. .09¾- .10
other points, divd.....lb. .10½- .12

Euphorbium, cs.....lb. 1.50 Nom.
Galbanum, cs.....lb. 1.60 - 1.65
Gamboge, pipe, cs.....lb. No stocks
powd., bbls.....lb. No stocks
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms....lb. .18 - .40
Kauri,[1] brown, chips, extra, bgs., c.l., ex dock, whse., lb. .18 - —
80%, same basis.....lb. .16 - —
dust, same basis.....lb. .12½- —
nubs, same basis.....lb. .24 - —
No. 1 extra, same basis....lb. .34 - —
superior, same basis.....lb. .31 - —
No. 2 extra, same basis....lb. .30 - —
superior, same basis.....lb. .27½- —
No. 3, same basis.....lb. .28 - —
x, same basis.....lb. .36 - —
2x, same basis.....lb. .49 - —
bush, assorted, same basis.lb. .35 - —
bold, same basis.....lb. .40 - —
bright, same basis.....lb. .18 - —
chips, same basis.....lb. .32 - —
dark, same basis.....lb. .18 - —
white, chips, pale, same basis. lb. .20¾- —
extra, same basis.....lb. .25½- —
dust, pale, same basis....lb. .20¾- —
extra, No. 1, same basis..lb. .43 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .30 - —
superior, No. 1, same basis. lb. .41 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .22 - —
8x, same basis.....lb. .65¼- —
4x, same basis.....lb. .60 - —
5x, same basis.....lb. 1.50 - —
Gum kauri, l.c.l., prices are ¼c. to ½c. higher.
Locust bean, powd., bbls....lb. .75 - .80
Mastic, cs.....lb. 5.00 Nom.
Myrrh, cs.....lb. .50 - .60
Olibanum, siftings, cs.....lb. .11½- .12
tears, cs.....lb. .18 - .30
Opium (see O).
Red (see Gum, Yacca).
Rosin (see R).
Sandarac,[1] cs.....lb. 1.40 Nom.
Scammony, cs.....lb. 1.30 - 1.35
Talha, bgs.....lb. .10 - .11
Tragacanth, No. 1, cs....lb. 4.50 - 5.00
No. 2, cs.....lb. 4.00 - 4.50
No. 3, cs.....lb. 2.75 - 3.00
Yacca,[1] red gum, coarse, bgs., ex dock, whse..lb. .06 - —
powdered.....lb. .07½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.22.65 - —
Harlem River, N. Y., frt. equald..ton.28.25 - —
Medicine Lodge, Kan., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.28.25 - —
Southard, Oklahoma, frt. equald..ton.17.00 - —
Sweetwater, Texas, frt. equald..ton.21.45 - —
Plaster of paris, paper bgs., c.l., f.o.b. Blue Rapids, Kans., frt. equald..ton.13.50 - —
Acme, Tex., frt. equald.. ton.12.50 - —
Harlem River, N. Y., frt. equald..ton.13.00 - —
Medicine Lodge, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.13.00 - —
Southard, Oklahoma, frt. equald..ton.12.50 - —
Sweetwater, Texas, frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Tex.; Akron, N. Y.; Blue Rapids, Kansas; Clarence Center, N. Y.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, Ohio; Harlem River, N.Y.; National City, Mich.; New Brighton, N. Y.; Plasterco, Ga.; Portsmouth, N. H.; Roton, Texas; Southard, Okla.; Sweetwater, Texas; frt. equald..ton.8.00 - —
Saltville, Va.....ton. 9.00 - —
Terra alba, paper bgs., c.l., Harlem River, N. Y..ton.12.00 - —
New Brighton, N. Y.; Southard, Okla..ton.12.00 - —

H

Hawthorn berries, bgs.....lb. .60 - .65
Heliotropin, cryst., cns.....lb. 3.75 - 4.00
Hellebore, white, powd., bbls..lb. .46 - .47
Helonias root, bls.....lb. No stocks
Hematine, cryst., bbls., No. 1..lb. .34 - —
No. 2.....lb. .30 - —
No. 3.....lb. .28 - —
No. 4.....lb. .26 - —
No. 5.....lb. .24 - —
paste, bbls., No. 1.....lb. .14½- —
No. 2.....lb. .13½- —
No. 3.....lb. .12½- —
Hemlock bark extract,[1,3] 25% tan, bbls., c.l., works..lb. No stocks
tanks, works.....lb. No stocks
Henbane leaves, bls.....lb. 1.20 - 1.25
Henna leaves, bls.....lb. .17 - .18
powd., bbls., bxs.....lb. .22 - .23
Heptane,[1] 56°-100° C., industrial grade, dms., c.l., Group 3, gal. .12½- —
l.c.l., Group 3.....gal. .13 - —
tankcars, Group 3....gal. .10 - —
77°-115°, industrial, dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .29 - —
10 gals., Group 3....gal. .55 - —
Hexaldehyde, normal, dms., c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanol).
Hexamethylenetetramine,[3,9] tech., dms., 1,500 lbs. up, Perth Amboy or N.Y.C..lb. .33 - —
150 to 1,350 lbs., same basis. lb. .38 - —
USP, dms., 500 lbs. or more, same basis..lb. .38 - —
fib. ctns., same basis.....lb. .40 - —
Hexane,[1] 60°-70° C., industrial grades, dms., c.l., Group 3, gal. .13½- —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10½- .11
laboratory grade, dms., c.l., Group 3..gal. .18 - —
l.c.l., Group 3.....gal. .29 - —
10 gals., Group 3.....gal. .55 - —
Hexanol, dms., l.c.l., works..lb. .25 - —
Hematropine hydrobromide, bots., os.37.50 -42.00
Hoofmeal, 17-18% ammon., bulk, Chicago..unit. 4.50 - 4.75
Hops, NF, bls.....lb. .56 - 1.50
Horehound, bls.....lb. .10½- .12
Hydrangea root, bls.....lb. No prices
Hydrastine, bots.....os.20.00 - —
Hydrochloride, bots.....os.20.00 - —
Sulphate, bots.....os.29.00 - —
Hydrastinine, 10 grs., bots...bot. 1.95 - —
Hydrastis (see Goldenseal).
Hydrofuramide, dms., fib. cns., works..lb. .30 - .40
Hydrogen peroxide,[6] USP, bbls., bots., 100 vols., cbys., E. of Miss. River, West Coast via Panama Canal..lb. .15½- .18¾
Hydroquinone, bbls., dms....lb. .90 - .94
Hydroxycitronellal, cns.....lb. 8.50 - 9.00
dms., extra, ret'ables, divd...lb. 4.50 - —
Hyoscine hydrobromide, bots., gram. 4.50 - —
Hyoscyamine, bots.....os.20.00 -37.50
Hydrobromide, bots.....os.20.00 -37.50
Sulphate, bots.....os.20.00 -37.50
Hypernic, cryst., bbls., No. 1..lb. .42 - —
No. 2.....lb. .34 - —
extract, bbls., No. 1.....lb. .24 - —
No. 2.....lb. .16 - —

I

Icthammol, N.F., bots.....lb. 2.45 - 4.80
Indian red (see Red, Indian).
Indigo, nat., chests.....lb. 2.14 - 2.20
synth., paste, bous.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.23.00 -24.00
Insect flowers (see Pyrethrum).
Iodine, crude, 25-lb. jars.....lb. 1.67 - —
150-lb. kgs., net.....lb. 1.28¼- —
resubl., 5-lb. bots., jars.....lb. 2.00 - 2.10
Iodoform, 100-lb. dms., kgs...lb. 3.95 - 4.10
jars.....lb. 4.20 - —
Ipecac[4] root, bgs.....lb. No prices
powd., bgs.....lb. No prices
Irish moss, ordinary, bls.....lb. .26 - .28
powd., 80-90 mesh, bbls...lb. .32 - .33
prime bleached, bls.....lb. .35 - .40
powd.....lb. .40 - .50
Iron acetate, liquor, bbls., c.l., divd..lb. .17 - —
l.c.l., divd.....lb. .18 - —
solut., USP IX, 100-lb. cbys., lb. .17 - —
50-lb. djns.....lb. .18 - —
Chloride (ferric), tech., anhydr., 390-lb. dms...100 lbs. 4.65 - 5.25
150-lb. dms.....100 lbs. 5.00 - 6.00
cryst., bbls., works, frt. alld. or equald..lb. .05 - .06
kegs, works, frt. alld. or equald..lb. .07½- .08
USP X, cryst., lump, bbls..lb. .07½- —
dms.....lb. .08½- —
solut., NF, cbys., works, frt. alld. or equald..lb. .06½- .07½
djns.....lb. .10 - —
Citrate, USP VIII, gran., dms., lb. .70 - .75
powd., cns.....lb. .84 - .87
Glycerophosphate, bbls., 1,000-lb. lots..lb. 3.30 - —
100-lb. lots.....lb. 3.40 - —
cns., 25 lbs.....lb. 3.52 - —
Hyposulphite, bbls., dms....lb. 1.50 - 1.53
Iodide, bots.....lb. 3.18 - 3.33
syrup, bots., cbys.....lb. .39 - .56
Naphthenate, 6% Fe, 50-gal. dms..lb. .15 - —
Nitrate, red, tech., dms.....lb. .03½- .04
Oxalate, gran., dms.....lb. .83 - .85
powd., cns.....lb. .52 - —
kgs.....lb. .47 - .49
Oxide, black (see Black iron oxide).
Phosphate, ferric, NF, gran., cns..lb. .54 - .57
Pyrophosphate, gran., cns...lb. .59 - .62
Reduced, 90%, kgs.....lb. .65 - .75
Resinate, 7.4% Fe, 100-lb. dms. lb. .17½- —
Sulphate, tech. (see Copperas and Ferric sulphate).
USP, cryst., bbls., dms...lb. .05½- .11
Tallate, 4% Fe, 50-gal. dms., lb. .10¼- —
Iron-ammonia citrate, brown, green, gran., pearls, dms. lb. .33 - .36
scales, dms.....lb. .49 - .53
Oxalate,[9] bbls.....lb. .23½- —
dms., kgs.....lb. .25½- .26½
Iron-soda oxalate, bbls., dms..lb. .23½- .26½
Isobornyl triocyanoacetate, cbys., dms., extra, works..gal. 4.95 - —
Isobutyl acetate,[6] dms., works.lb. .0860- —
tanks, works.....lb. .0760- —
Propionate, dms., works.....lb. .102 - —
Isopentane, dms., works.....gal. .45 - .55
Isophorone, dms., works.....lb. .25 - —
Isopropanol (see Alcohol, Isopropyl).
Isopropyl acetate,[6] dms., c.l., E. of Rockies, frt. alld..lb. .11 - —
l.c.l., E. of Rockies, frt. alld..lb. .11½- .12
tanks, E. of Rockies, frt. alld., lb. .10 - —
Alcohol (see Alcohol).
Ether, dms., c.l.....lb. .06 - —
l.c.l.....lb. .06½- —
tanks.....lb. .04½- —
Isopropylamine, dms., works...lb. .35 - —

J

Jaborandi leaves, bls.....lb. .09 - .10
Jalap root, NF, bls.....lb. .39 - .40
powd., bbls., bxs.....lb. .46 - .47
Resin, lump, cns.....lb. 5.85 - —
powd., bxs.....lb. 5.90 - —
Juniper berries, dom., bgs.....lb. .70 - .85

K

Kamala, tins.....lb. .42 - .45
Kaolin (see China clay).
Kava kava root, bls.....lb. .23 - .24
Kerosene at refinery:—
Ark., 41-43 w.w., bulk, tanks, gal. .04½- .04¾
Bayonne, 41-43 w.w., tank.. gal. .07 - —
Gulf ports, 41-43 w.w., bulk, gal. .04¼- .04½
Kerosene, at refinery, Okla.-Texas, 42-44 w.w., tanks, gal. .04½- .04¾
Penn., 45 w.w., tanks....gal. .07½- .08
46 w.w., tanks.....gal. .07½- .07¾
47 w.w., tanks.....gal. .07¾- .08
San Francisco, tanks.....gal. .11¼- —
Kola nuts, bgs.....lb. .09 - .10

L

Lady slipper root, bls.....lb. 1.25 - 1.50
Lanolin (see Adeps lanae).
Lard,[1,8] pure, ref., trcs...100 lbs. .1522½- —
Chicago, trcs.....lb. .1455- —
Larkspur seed, bgs.....lb. 3.25 - 3.50
Laurel berries, bls.....lb. .25 - .26
Laurel leaves, Cyprus, bls....lb. .30 - .31
Greek, bls.....lb. No stock
Portuguese, bls.....lb. .20 - .21
Turkish, bls.....lb. .33 - .36
Lavender flowers, medium, bls.lb. .80 - —
ordinary, bls.....lb. .45 - .50
select, bls.....lb. .90 - .95
Lead,[1,8] (metal) (see paint market).
Acetate,[1] white, broken, bbls.lb. .12½- —
cryst., bbls.....lb. .12½- —
gran., powd., bbls.....lb. .13¼- —
Arsenate,[1,8] paste, stand., cns., c.l..lb. .05¾- .06
l.c.l.....lb. .06 - .06½
powder, basic, 3-lb. bgs. or larger, c.l..lb. .11½- .12
l.c.l.....lb. .12 - .12½
1-lb. ctns., c.l.....lb. .13½- .22½
l.c.l.....lb. .19 - .23
standard, 3-lb. bgs. or larger, lb. .11 - .11¼
l.c.l.....lb. .11½- .12
1-lb. bgs., c.l.....lb. .16 - .20
l.c.l.....lb. .16½- .20½
1-lb. ctns., c.l.....lb. .18 - .22
l.c.l.....lb. .18½- .23¼
½-lb. ctns., c.l.....lb. .21 - .25
l.c.l.....lb. .21½- .25½

Inside column is maximum OPA prices for manufacturers or distributors; outside column for all other purchasers. Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.

Blue, basic sulphate, bbls., c.l., divd. E..lb. .07½- —
divd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .07¾- —
l.c.l., divd. E.....lb. .07¾- —
Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .08 - —
Carbonate (see Lead, white).
Chloride, fib. dms.....lb. .49 - —
Iodide, NF V, powd., bots..lb. 2.80 - —
jars.....lb. 2.60 - —
Linoleate, pale, precip., bbls.lb. .22½- —
Metallic paste, works.....lb. .19¾- .21½
Naphthenate, 24%-30% Pb, 50-gal. dms..lb. .14½- .17½
Nitrate, bbls.....lb. .12½- —
Oleate, bbls.....lb. .17¾- —
Peroxide, powd., tech., bbls..lb. .23 - —
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), divd. Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
other points.....lb. .09 - —
l.c.l., 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. Cascade Mts. in Ore. and Wash..lb. .09¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .10¼- —
Colo., Mont., N. Mex., Wyo..lb. .10 - —
other points.....lb. .09¼- —
smaller lots, Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10¼- —
other points.....lb. .10 - —
97%, Pb_3O_4, bbls., c.l., divd. Ala., etc..lb. .09½- —
other points.....lb. .09¾- —
l.c.l., 5 tons, divd. Ala., etc..lb. .10 - —
Colo., etc.....lb. .10¼- —
Ariz., etc.....lb. .10½- —
other points.....lb. .09¾- —
smaller lots, divd. Ala., etc..lb. .10¾- —
Ariz., etc.....lb. .11 - —
Colo., etc.....lb. .10¾- —
other points.....lb. .10¼- —
98%, Pb_3O_4, bbls., c.l. (20 tons), divd. Ala., etc..lb. .09¾- —
other points.....lb. .09½- —
l.c.l., 5 tons, divd. Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
smaller lots, divd. Ala., etc..lb. .10½- —
Ariz., etc.....lb. .11¼- —
Colo., etc.....lb. .11 - —
other points.....lb. .10½- —
in oil, 90% min., kgs...lb. .14 - —
Resinate, precip., 23.3% Pb, 160-lb. dms..lb. .17½- —
Silicate, bgs.....lb. .0730- .0780
Soyate, 26.15% Pb, 50-gal. dms., lb. .22¼- —
Stearate, bbls.....lb. .31 - .33
Sulphate (see Lead, white, basic sulphate).
Tallate, 16% Pb, 60-gal. dms. lb. .08¼- —
Titanate, bgs., bbls., c.l., works, frt. alld..lb. .11 - —
l.c.l., 5 tons, one delivery, E., frt. alld..lb. .11¼- —
Pac. Cst., ex whse..lb. .11½- —
l.c.l., smaller lots, E. frt. alld..lb. .11½- —
Pac. Cst., ex whse..lb. .11¾- —
White, basic carbonate, dry, bbls., c.l., divd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., and Wyo..lb. .08½- —
divd., other points..lb. .08¾- —
l.c.l., divd. Ariz., etc..lb. .08¾- —
other points.....lb. .08½- —
basic sulphate, dry, bbls., c.l., divd. Ariz., etc..lb. .07½- —
other points.....lb. .07¼- —
l.c.l., divd. Ariz., etc..lb. .08 - —
other points.....lb. .07¾- —
in oil, consumers, kgs....lb. .13¼- .13¾
dealers, 100-lb. kg.....lb. .11¼- .11¾
painters, 100-lb. kg.....lb. .12¼- .12¾
Lecithin, edible, dms., c.l....lb. .28½- —
l.c.l.....lb. .29 - .43
in cocoa butter, dms., c.l....lb. .46½- —
l.c.l.....lb. .41 - .55
pure vegetable bots., 100-lb. lots..lb. 2.75 - —
tech., dms., c.l.....lb. .26 - —
l.c.l.....lb. .26½- .27½
Lemon peel, bls.....lb. .35 - .40
Licorice extract, mass, cns....lb. .25 - .72
powd., bbls.....lb. .60 - .85
root, natural, Indian, bls....lb. .08 - .09
powder, bbls.....lb. .14 - .15
Russian, bls.....lb. .08½- .09
Spanish, bls.....lb. .12 - .13
Lignin extract, tanning grade, bgs., c.l., works..lb. .04 - —
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.:—
Adams, Mass.....ton. 8.00 - —
Annville, Pa.....ton. 7.50 - —
Bellefonte, Pa.....ton. 7.50 - —
Berkley, W. Va.....ton. 7.50 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa...ton. 8.50 - —
Crab Orchard, Tenn.ton. 9.25 - —
Eagle Mountain, Va..ton. 7.00 - —
Farnams, Mass.....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.25 - —
Knoxville, Tenn.....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —
Martinsburg, W. Va..ton. 7.50 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Rincon, Cal.....ton.13.00 - —
Ripplemead, Va.....ton. 7.00 - —
Riverton, Va.....ton. 7.00 - —
Rockland, Me.....ton. 8.00 - —
San Francisco, Cal..ton.13.00 - —
Scioto, Ohio.....ton. 6.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 9.00 - —
hydrated, paper bags, f.o.b. Adams, Mass..ton. 9.00 - —
Annville, Pa.....ton. 9.00 - —
Bellefonte, Pa.....ton. 9.00 - —
Berkley, W. Va.....ton. 9.00 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa....ton. 9.00 - —
Crab Orchard, Tenn..ton. 9.00 - —
Eagle Mountain, Va..ton. 8.50 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 9.00 - —
Hannibal, Mo.....ton. 9.00 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Lime Crest, N. J....ton. 8.50 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Manistique, Mich....ton. 9.50 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va..ton. 9.00 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Potoskey, Mich....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va.....ton. 9.00 - —
Rockland, Me.....ton. 9.00 - —
San Francisco, Cal..ton.16.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 9.00 - —
York, Pa.....ton. 9.00 - —
spray, paper bgs., f.o.b. Adams, Mass..ton. 9.50 - —
Annville, Pa.....ton. 9.50 - —
Bellefonte, pa.....ton. 9.50 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton.10.00 - —
Gibsonburg, Ohio....ton.11.00 - —
Lime Crest, N. J....ton. 9.00 - —
Marblehead, Ohio....ton.11.00 - —
Rockland, Me.....ton.10.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.50 - —
Lime salts (see Calcium).
Lime-ammonia-nitrogen,[6] 20.5% N, bgs., works..ton.32.50 - —
Linalool, cns.....lb. 6.75 - 7.00
Linalyl acetate, cns.....lb. 3.25 - 3.75
Linden flors with leaves, bls...lb. .95 - 1.00
Linseed meal,[1] 34%, bulk, c.l.ton.45.00 - —
32%, bulk, c.l.....ton.43.00 - —
Litharge, com'l powd., bbls., c.l., divd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore., and Wash..lb. .08¼- —
other points.....lb. .08 - —
l.c.l., 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .08¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
Colo., Mont., N. Mex., Wyo..lb. .09 - —
Other points.....lb. .08½- —
smaller lots, divd., Ala., etc..lb. .09¼- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09½- —
Other points.....lb. .09 - —
Lithium[6] bromide, bbls., 100 lbs. works, frt. equald..lb. 1.90 - —
smaller lots, works.....lb. 1.92 - 1.95
Carbonate, NF, 250-lb. bbls., kgs..lb. 1.25 - 1.30
Chloride, bars.....lb. 1.65 - 1.70
Citrate, bbls., dms., kgs....lb. 1.40 - 1.45
Fluoride, bbls.....lb. 2.45 - 2.60
Hydroxide, jars.....lb. 1.25 - 1.40
Iodide, 5-lb. bots.....lb. 5.20 - —
25-lb. jars.....lb. 5.05 - —
Lithopone,[2] ordinary, bgs., (20 tons)..lb. .04¼- —
smaller lots.....lb. .04½- —
bbls., c.l. (20 tons).....lb. .04½- —
smaller lots.....lb. .04¾- —
titanate,[6] (high-strength), bgs., c.l..lb. .0560- —
smaller lots.....lb. .0585- —
bbls., c.l.....lb. .0585- —
smaller lots.....lb. .0610- —
Lithopone, c.l., divd. Pac. Cst., ¼c. higher; l.c.l., ex whse. Pac. Cst., ½c. higher.
Liverwort leaves, bls.....lb. .70 - .75
Lobelia herb, bls.....lb. .43 - .48
Lobeline sulphate, bots., wks..os.25.50 -38.00
Logwood, cryst., No. 1, bbls...lb. .28 - —
No. 2, bbls.....lb. .26 - —
extract, liquid, No. 1, bbls..lb. .14 - —
No. 2, bbls.....lb. .13 - —
No. 3, bbls.....lb. .12½- —
No. 4, bbls.....lb. .10 - —
solid, No. 1, bxs.....lb. .23½- —
No. 2, bxs.....lb. .21½- —
Lovage root, dom., bls.....lb. .50 Nom.
Lupulin, NF, tins.....lb. 7.00 -10.00
Lycopodium, USP, cs.....lb. 3.00 - 3.25

M

Mace,[1] Amboyna, cs.....lb. .77 - .78
Banda, cs.....lb. .96 Nom.
West Indian, bgs.....lb. .62 - .63
broken, bgs.....lb. .55 - .58

—— easier than shooting fish!

This emergency ration isn't exactly as tasty as a turkey dinner.

But it'll keep a man going quite a while on a life raft.

And it's certainly better than shooting fish with a revolver. Remember how some of the starving castaways told about doing that in the early days of the war? Said they got about 100 per cent misses, too.

Our part in this ingenious device, which can make the difference between starvation and survival on a life raft, is a humble one. We developed the convenient hermetically sealed container for the emergency ration.

But it gives us a big kick to be associated with war equipment like this—even if in only a small way.

We get the same kind of thrill out of making the outer container for blood-plasma transfusion kits . . . smoke signals . . . distress flares . . . and a lot of other things that help get fighters out of tight spots.

Of course, our biggest war job is making food cans—both for the fighting front and the home front.

And from all this experience we're gaining new skills, through solving new problems—all the time.

Much of what we're learning may be applicable to your postwar packaging problems. And while we can't do much more than *talk* about your postwar packages just now, we'd certainly be glad to do that.

Perhaps, we can help you, too, with your general planning. Consult our representative, or write . . .

CANCO

AMERICAN CAN COMPANY
230 Park Avenue, New York 17, New York

FOR VICTORY, BUY AND HOLD WAR BONDS

Madder, Dutch, bbls.....lb. .24 - .30
Magnesia arsenate,[1,6] dms....lb. .153 - .18
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech.. Zone 1, c.l., bgs..lb. .08½ - —
kgs. ... .lb. .08⅝ - —
l.c.l., bgs.....lb. .07⅛ - —
bbls. .....lb. .08½ - —
kgs. .....lb. .09⅜ - —
2, c.l., bgs.....lb. .06½ - —
bbls. .....lb. .07⅛ - —
kgs. .....lb. .08⅜ - —
l.c.l., bgs.....lb. .07 - —
bbls. .....lb. .08¼ - —
kgs. .....lb. .09½ - —
USP, Zone 1, c.l., bgs.....lb. .08 - —
bbls. .....lb. .08½ - —
kgs. .....lb. .09¾ - —
2, l.c.l., bgs.....lb. .09 - —
bbls. .....lb. .09½ - —
kgs. .....lb. .10¾ - —
Zone 2, c.l., bgs.....lb. .06¼ - —
bbls. .....lb. .06½ - —
kgs .....lb. .09⅝ - —
2, l.c.l., bgs.....lb. .06¼ - —
bbls. .....lb. .09¼ - —
kgs. .....lb. .10½ - —
Magnesia carbonate:—Zone 1—Conn., Del. D. of C., Md., Mass., N. J., N. Y., Pa. and R. I. Zone 2—Balance of U. S. Frt. alld Phillipsburg, Plymouth Meeting and Valley Forge. Freight allowed on l.c.l. incl., dlvd. storedoor.
Chloride, anhyd., bbls., dlvd..lb. .13 - —
flake, bbls., c.l., works...ton.32.00 - —
l.c.l., works.....ton.39.00 -42.00
Fluoride, bbls.....lb. .40 - .50
Hydroxide, med., bbls., dms., kgs..lb. .29 - .30
Hypophosphite, cns.....lb. 1.45 - —
Laurate, bbls.....lb. .33 - .35
Oxide (see Magnesia, calcined).
Peroxide, 15%, dms., works..lb. 1.00 - 1.35
Phosphate, tribasic, USP, bbls., lb. .60 - —

Magnesia silicate (see Talc).
Silicofluoride, bbls.....lb. .18 - .20
Stearate, bbls.....lb. .31 - .35
Sulphate (see Epsom salt).
Trisilicate, dms., 1,000-lb. contracts..lb. .37 - —
smaller lots, dms.....lb. .42 - —
Magnesite, cal., powd., bags, f.o.b. mines, Calif..ton.58.75 - —
dead-burned,[1] bulk, c.l., f.o.b. Chewelah, Wash..ton.22.00 -32.00
Malva flowers, black, bls.....lb. No stocks
blue, bls.....lb. No stocks
Leaves, bls.....lb. .40 - .50
Manaca root, bls.....lb. .24 - .25
Mandrake root, bls.....lb. .23 - .26
Manganese acetate, dms.....lb. .25½ -
Arsenate,[6] bgs.....lb. .12 - .13
Borate, tech., bbls.....lb. .16 - .18
Carbonate, bbls.....lb. .19 -
Chloride, anhyd., bbls.....lb. .15 - .18
Manganese dioxide, African, battery, 84-87%, bbls., 28-40 tons, works..ton.74.00 - —
5-15 tons, works..ton.77.00 - —
smaller lots, works... ton.82.00 - —
Caucasian, 85-90%, bbls., c.l., works..ton.74.00 - —
l.c.l., 5 tons, works..ton.77.00 - —
smaller lots, works..ton.82.00 - —
burlap bgs., c.l., works, ton.71.75 - —
l.c.l., 5 tons, works..ton.74.75 - —
smaller lots, works..ton.79.75 - —
85-90%, paper bgs., c.l., works..ton.70.00 - —
l.c.l., 5 tons, works..ton.73.00 - —
Glycerophosphate, 2 bgs., bbls., 1,000-lb. lots..lb. 3.05 - —
100-lb. lots.....lb. 3.15 - —
cns., 25 lbs.....lb. 3.27 - —
Hydrate, bbls., dlvd.....lb. .26 - —
Iodide, bots., 5 lbs.....lb. 5.70 -
tars, 25 lbs.....lb. 5.55

Manganese linoleate, liquid, 4%, dms..lb. .20 - —
solid, precip., 5.2%, bbls...lb. .22 - —
Naphthenate, 6% Mn, 50-gal. dms..lb. .16 - —
Resinate, fused, 3½%, bbls..lb. .09 - .10½
precip., dms.....lb. .14½ - .15½
Soyate, 8.2% Mn, 50-gal. dms. lb. .22 - —
Sulphate, anhyd., dms., works.. lb. No stocks
feed grade, 77-80%, bgs....lb 04 - .05
fertilizer, 65%, $MnSO_4$, bgs.. c.l., dlvd. East..ton.59.50 - —
l.c.l., bgs., same basis or f.o.b. Balto. and Cincinnati..ton.68.50 - —
industrial grade, 80%, $MnSO_4$, bgs..lb. .05 - .05½
Tallate, 4% Mn, 50-gal. dms.. lb. .09 - —
Mangrove bark, E. Afr., if and when available, bgs., based on freight $18, insurance $1 per ton. Any difference for buyers' account.....ton.70.00 - —
Manna flake, cs.....lb. No stocks
Mannitol,[5] com'l grade, bbls., works..lb. .35 - .40
reagent grade, 50-lb. cs. or multiples, works..lb. .85 - —
Manure, sheep, bgs., c.l., Midwest shipping points..ton.14.50 -20.00
kiln-dried, bgs., c.l., f.o.b. Chicago..ton.17.50 -25.00
Marjoram, Argentine, bls.....lb. .32 - .33
California, bls.....lb. .69 - .71
Chilean, bls.....lb. .35½ - .36
Portuguese, wild, bls.....lb. .30 - .31
Matico leaves, bls.....lb. .22 - .29
Menthol,[1] natural, Brazilian, cs., 500 lbs..lb.16.50 - —
smaller lots.....lb.16.75 -16.90
synthetic, USP, cs.....lb.13.00 - —
technical .....lb. 6.00 - 6.50
Menthyl salicylate, tins.....lb 3.00 - 3.10

Mercurial ointment, USP, mild, 10%, tubs..lb. .70 - .72
30%, pails.....lb. 1.19 - 1.21
50%, pails.....lb. 1.54 - 1.56
Mercury (see Quicksilver).
Ammoniated (see White precipitate).
Bichloride[2] (see Corrosive sublimate).
Bisulphate,[2] dms.....lb. 2.15 - 2.17
Chloride,[2] (see Calomel).
Cyanide,[2] cryst., powd.....lb. 3.34 - —
Iodide,[2] red, NF, dms., kgs..lb. 3.90 - —
yellow, fib. dms., kgs.....lb. 4.00 - —
Nitrate ointment (see Citrine ointment).
Oxide,[2] NF (see Red precipitate).
tech. (see Red, mercury oxide).
yellow, NF VI, fib. dms...lb. 2.34 - 2.36
red,[2] NF (see Red, precipitate).
tech. (see Yellow, mercury oxide).
Mercury and chalk,[2] 5-lb. ctns.lb. 1.49 - 1.54
dms. .....lb. 1.42 - 1.44
Mesityl oxide, dms., c.l., dlvd..lb. .11½ - —
l.c.l., dlvd.....lb. .12 - —
tanks .....lb. .10½ - —
Metal leaf, composition, 5½x5½ in..pkg. 3.00 - —
Gold X+, deep, 23, 3⅜x3⅜ in., pkg.15.00 - —
Silver, 3⅜x3⅜ in.....pkg. 3.00 - —
Metanitroparatoluidin, bbls....lb. 1.05 - 1.10
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .70 - —
Methanol,[1,6] natural, all grades, dms., c.l., E. of Miss. R., gal. .63 - .66
l.c.l., same basis.....gal. .73 - .76
tanks, same basis.....gal. .60 - —
Outside prices on natural methanol are drums extra; outside drums included. Prices W. of Miss. R., 3c. higher.
synthetic,[2,6] dms., c.l., Zone 1, frt. alld..gal. .34½ - —
2, frt. alld. or dlvd...gal. .36½ - —
3, frt. alld.....gal. .38¼ - —
4, frt. alld.....gal. .40½ - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .37 - —
2, frt. alld.....gal. .42½ - —
3, dlvd. S. F. and L. A., gal. .41 - —
4, frt. alld. or dlvd...gal. .52½ - .56½
tanks, Zone 1, frt. alld....gal. .28 - —
2, frt. alld.....gal. .30 - —
3, frt. alld.....gal. .32 - —
4, frt. alld.....gal. .32½ - —
Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Col., Fla., Ga., Kans., La., Miss., Neb., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., N. D., Okla., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., also (c.l. only), Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., Idaho, Mont., N. Mex., Nev., Ore., Utah, Wash.
Methyl abietate, dms., c.l., dlvd. lb. .0722- —
l.c.l., 10-dm. lots, dlvd...lb. .0847- —
single dms., dlvd.....lb. .0947- —
smaller cont., dlvd.....lb. .1447- —
hydrogenated, dms., c.l., dlvd., lb. .1122- —
l.c.l., 10-dm. lots, dlvd...lb. .1247- —
single dms., dlvd.....lb. .1347- —
smaller cont., dlvd.....lb. .1847- —
Acetate, CP, 97-99%, dms., c.l., E. of Miss..lb. .10½ - .12
W. of Miss.....lb. .11½ - .13
l.c.l., E. of Miss.....lb. .11 - .14
W. of Miss.....lb. .12 - .13½
tanks, E. of Miss.....lb. .09½ - —
W. of Miss.....lb. .10½ - —
tech., dms., c.l., E. of Miss., lb. .07 - .09
W. of Miss.....lb. .08 - —
l.c.l., E. of Miss.....lb. .07½ - .11
W. of Miss.....lb. .08½ - .10¼
tanks, E. of Miss.....lb. .06 - —
W. of Miss.....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..gal. .29½ - —
Acetone, natural, Group A, dms., c.l., E. of Miss., frt. alld..gal. .66 - —
l.c.l., same basis.....gal. .76 - —
tanks, same basis.....gal. .60 - —
Natural methyl acetone quoted dms., included by Group A. Prices W. of Miss. R., 3c. per gal. higher.
Group B, dms., c.l., Zone 1, frt. alld..gal. .63 - —
Zone 2, same basis.gal. .65 - —
Zone 3, same basis.gal. .67 - —
Zone 4, same basis.gal. .69 - —
l.c.l., Zone 1, same basis. gal. .66 - —
Zone 2, same basis.gal. .83 - —
Zone 3, same basis.gal. .70 - —
Zone 4, same basis.gal. .83 - —
tanks, Zone 1, same basis. gal. .60 - —
Zone 2, same basis.gal. .62 - —
Zone 3, same basis.gal. .64 - —
Zone 4, same basis.gal. .64½ - —
Natural methyl acetone quoted drums, extra by Group B, sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los A., San Fran., Seattle, Wash., Portland, Ore.; Zone 4, Ariz., Cal., Idaho, Mont., N. Mex., Nev., Ore., Utah, Wash.
synthetic, dms., c.l., Zone 1.. gal. .51 - —
Zone 2.....gal. .52 - —
Zone 3.....gal. .53½ - —
Zone 4.....gal. .54½ - —
l.c.l., Zone 1.....gal. .54½ - —
Zone 2.....gal. .57 - —
Zone 3.....gal. .58 - —
Zone 4.....gal. .59¼ - —
tanks, Zone 1.....gal. .43 - —
Zone 2.....gal. .44½ - —
Zone 3.....gal. .45½ - —
Zone 4.....gal. .46½ - —
Synthetic methyl acetone sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.
Alcohol (see Methanol).
Anthranilate, 100-lb. lots.....lb. 2.20 - 2.50
25-lb. lots, bots.....lb. 2.25 - 2.65
Benzoate,[6] ctns.....lb. .70 - 1.10
Bromide, cns.....lb. .75 - .80
cyls. .....lb. .65 - .75
Chloride, refrigeration, 500 lbs. and up machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
50 to 400 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, lb. .40 - —
tanks, multi-unit, machine mfrs. and jobbers..lb. .31 - —

The Uniformity of *WECOLINE* Distilled Fatty Acids Insures the Uniformity of YOUR Products

THE uniformity and purity of Wecoline Distilled Fatty Acids has enabled users to meet rigid standards of quality.

●

Our trained Laboratory Staff is at all times available for the development of special distilled Fatty Acids for specific uses.

Wecoline Distilled Fatty Acids Lead the Field

SERVING THESE and Many Other INDUSTRIES

ALKYD RESINS
COSMETICS
SOAP
DRY CLEANING
RUBBER COMPOUNDING
TANNING
ALSO SPECIAL TECHNICAL USES

E. F. DREW & CO., INC.
NEW YORK BOSTON CHICAGO
FACTORY AND LABORATORIES: BOONTON, N. J.

Methyl chloride, refrigeration, tanks, service men and consumers..lb. .35 - —
Methyl chloride quotations are spot or contract, ship. point. Prices above are in 60, 90 and 180-lb. cylinders. Prices on the 20-lb. cylinders, uniformly 10c. per pound higher.
Cinnamate, cns.....lb. 1.50 - 4.00
Formate, dms.....lb. .89 - —
Lactate, dms., l.c.l., dlvd...lb. .70 - —
Iodide, bots.....lb. 4.00 - 4.15
Salicylate,[1] 500-lb. dms.....lb. .35 - —
25-50 lbs.....lb. .37 - .38
Methylamyl ketone, dms., cns., works..lb. .25 - .28
Methylcellulose, specl., vis. (4,000 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .60 - —
100 to 1,999 lbs., frt. alld..lb. .65 - —
1 to 99 lbs., works.....lb. .70 - —
standard vis. (15-1,500 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .53 - —
100 to 1,999 lbs., frt. alld., lb. .58 - —
1 to 99 lbs., works.....lb. .63 - —
Methylcyclohexane, 98-100%, dms., works..lb. .19 - —
Methylcyclohexanol, 98-100%, dms., works..lb. .23 - —
Methylcyclohexanone, 98-100%, dms., works..lb. No stocks
Methylene blue, medicinal, kgs., 100 lbs. 2.00 - 2.15
cns., 5 lbs.....lb. 2.35 - —
Chloride, refrig., dms., wks..lb. .18 - .28
solvent, dms., works.....lb. .12 - .15
Methylethyl ketone,[2] dms., E. of Rocky Mts..lb. .09 - —
l.c.l., same basis.....lb. .09½ - —
tanks, same basis.....lb. .08 - —
Methylhexyl ketone, dms., tech., works..lb. .60 - —
Methylisobutyl ketone,[2] dms., c.l., dlvd..lb. .12¼- —
l.c.l., dlvd.....lb. .13 - —
tanks, dlvd.....lb. .11¼- —
Methylnaphthyl ketone, cryst., cns..lb. 3.00 - 3.10
Methylpentanediol, com'l, dms., l.c.l., works..lb. .20 - —
Metronite pigment (see Synthetic Resins and Other Branded Paint Materials list.)
Mica, dry grd.,[1] roofing, white, 20 mesh, bgs., c.l., f.o.b. works..ton.27.50 - —
l.c.l. .....ton.32.50 - —
30-31 mesh, bgs., c.l..ton.27.50 - —
l.c.l. .....ton.32.50 - —
40-45 mesh, bgs., c.l..ton.27.50 - —
l.c.l. .....ton.32.50 - —
80 mesh, bgs., c.l.....ton.35.00 - —
l.c.l. .....ton.38.00 - —
paint, plastic, 100 mesh, c.l., bgs..ton.40.00 - —
l.c.l. .....ton.43.50 - —
wet-grd.,[1] biotite, c.l., bgs..lb. .03¾- —
l.c.l. .....lb. .04¼- —
1,000 mesh, bgs., c.l.....lb. .03¾- —
l.c.l. .....lb. .04¼- —
white, 1,000 mesh, bgs., c.l., lb. .03¾- —
l.c.l. .....lb. .04¼- —
paint or lacq., c.l., bgs....lb. .04¾- —
l.c.l. .....lb. .05¼- —
paper bgs., c.l.....lb. .04¾- —
l.c.l. .....lb. .05¼- —
rubber, c.l., bgs.....lb. .04½- —
l.c.l. .....lb. .05 - —
wallpaper, bgs, c.l.....lb. .04¾- —
l.c.l. .....lb. .05¼- —
Mica, dry grd., quoted works; wet grd. and 1,000-mesh mica in car-load lots is frt. alld. E.; less car-load lots ex whse. or frt. alld. E. Prices of the wet grd. are ½c. per lb. higher W. of Miss. R. and 1c. per lb higher W. of Rockies.
Milk powder,[2] skimmed,[1] roller, bulk, Zone A, bbls..lb. .12½- —
Zone B.....lb. .12¾- —
spray, bbls., bulk, Zone A, lb. .14½- —
Zone B.....lb. .14¾- —
Milk powder Zones are:—Zone A, all States not included in Zone B. Zone B, Conn., Del., D. C., Mass., Md., Me., N. J., N. H. N. Y., Pa., R. I., and Vt.
whole, roller, bbls.....lb. .35 - —
spray, bbls.....lb. .36 - —
Sugar,[1] bbls., c.l., works....lb. .26 - —
l.c.l., works.....lb. .26¾- .27¼
Mineral spirits (see Petroleum, mineral spirits)
Molasses,[1,2] blackstrap, tanks, works, Area 1..gal. .18 - —
Area 2, same basis....gal. .18½- —
Area 3, same basis....ton.26.00 - —
Area 4, same basis....ton.29.00 - —
Area 5, same basis....ton.34.60 - —
Note—Area No. 1, Fla., Ga., La., Tex.; Area No. 2, Mass., Md., N. J., N. Y.; Area No. 3, Calif.; Area No. 4, Colo., Idaho, Kan., Mont., Neb. (excepting Grand Island), S. D., Utah, Ore., Wash., Wyo.; Area No. 5, Ia., Md., Mich., Minn., Grand Island, Neb., Ohio, Wis.
Molybdate orange (see Orange, molybdate).
Molybdenum metal,[1,2] kgs., 99%, powd..lb. 2.60 - 3.00
Trioxide,[2] pure, kgs., basis Mo. content, works..lb. .95 - —
technical, kgs., works.....lb. .80 - —
Monoamylamine, dms., basis 100%, c.l., works..lb. .61 - —
l.c.l., works.....lb. .64 - —
Monoamylnaphthalene, l.c.l., dms., works..lb. .17 - —
Monobutylamine, dms., basis 100%, c.l., works..lb. .48 - —
l.c.l., works.....lb. .51 - —
Monochlorobenzene, dms., c.l..lb. .05½- —
l.c.l. .....lb. .07 - .09
tanks .....lb. .05 - —
Monoethanolamine,[2] dms., c.l., frt. alld. in E..lb. .24½- —
l.c.l., dms., same basis.....lb. .25½- —
tanks, same basis.....lb. .23½- —
Monoethylamine basis 100%, dms., c.l., works..lb. .43 - —
l.c.l., works.....lb. .46 - —
Monoethylaniline, dms.....lb. .47 - —
Monomethyl para-aminophenol-sulphate, dms..lb. 3.75 - 4.00
Monomethylamine, dms.....lb. .65 - —
Monosodium phosphate (see Soda phosphate, monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Hydrobromide, 5 ozs.....oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Hydrochloride, 5 oz. bots....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gals., l.c.l., works..lb. .67 - —
smaller containers, works....lb. .75 - —
Mullein leaves, cns.....lb. .12 - .13
Musk, nat., Tonquin, grains, bots., oz.40.00 -45.00
synth., ambretta, cns., 100 lbs. or more..lb. 4.00 - 9.00
25 lbs. to 75 lbs.....lb. 4.10 - 9.10
5 lbs.....lb. 4.25 - 9.45
ketone, cns., 100 lbs. or more, lb. 4.15 - 9.25
25 lbs. to 75 lbs.....lb. 4.25 - 9.35
5 lbs.....lb. 4.40 - 9.70
xylol, cns., 100 lbs. or more, lb. 1.40 - 2.50
25 lbs. to 75 lbs.....lb. 1.50 - 2.60
5 lbs.....lb. 1.65 - 2.90

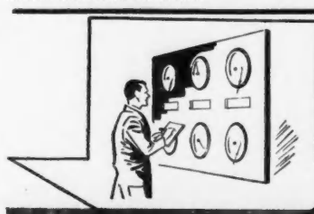
Musk root, bls.....lb. 2.25 - 2.30
Mustard seed, Calif., brown, bgs., lb. .17½- .18
Montana, brown, bgs.....lb. .10¾- .11¼
yellow, bgs.....lb. .11 - .11½
Washington, yellow, bgs.....lb. .11½- .12
Myrobalans,[2] J1, whole, bgs., frt. guar., insurance, $1. Any difference for buyers' account, ton.65.00 - —
crushed, same basis.....ton.75.00 - —
J2, whole, bgs., same basis.... ton.55.00 - —

N

Naphtha, painters (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene,[2,6] crude, dom., 74°, bgs., c.l., frt. equald..lb. .03 - —
bbls., c.l., same basis...lb. .031- —
tanks, same basis.....lb. .0275- —
78°, bgs., c.l., same basis, lb. .0325- —
bbls., c.l., same basis...lb. .0335- —
tanks, same basis.....lb .03 - —
refined, balls, flakes, bbls., wholesalers and jobbers, works..lb. .08 - —
50-lb. cs., same basis....lb. .08¼- —
1-lb. pkgs., same basis...lb. .08¾- —
Neocinchophen, USP, dms ....lb. 7.00 - 7.10
Nepheline syenite, glass grade, 24 mesh, bulk, Rochester, N. Y..ton.12.00 - —
pottery grade, 200 mesh, bulk, Rochester, N.Y..ton.15.50 - —
Nepheline syenite in bgs. is priced $2 per ton above the bulk quotations.
Nerolin, cryst., cns.....lb. 1.70 - 2.00
Niacin (see Acid, nicotinic).
Nickel,[2,5] carbonate, bbls.....lb. .36 - .36½
Chloride,[2] bbls.....lb. .18 - .20
Cyanide,[2] bots., dms.....lb. No stocks
Oxide,[2,5] black, bbls.....lb. .35 - .38
Salt,[2,5] bbls.....lb. .13 - .13½
Nicotine[2] sulhate, 40%, dms., 50 lbs..lb. .7980- —
tins, 10 lbs.....lb. .90 - —
Nicotinamide,[2] dms.....kilo.13.25 -13.55
Nikethamide, bots., cbys....lb.18.00 -19.00
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l., lb. .08 - —
l.c.l. .....lb .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ¼, ½ sec., 30-35 cps., bbls., dry weight, l.c.l., works, lb. .26 - —
5-7, 40-60 cps., same basis, lb. .27 - —
ester-soluble, ¼, ½ sec., 30-35 cps., bbls., dry weight, l.c.l., works..lb. .26 - —
5-7, 15-20 cps. and higher, bbls., dry weight, l.c.l., works..lb. .25 - —
Nitrocellulose:—Denatured alcohol A used in manufacture is charged extra. Barrels extra, but returnable.
Nitroethane, dms., l.c.l., wks..lb. .25 - —
Nitrogen,[2] solut., tanks, ton N.108.21 - —
Prices adjusted to ammonia sulphate basis from ports, and anhydrous ammonia basis, Hopewell, Va.
Nitrogenous processa tankage,[1] bulk, works.....unit-ton. 3.15 - 3.50
sewage sludge,[1] bulk, works, unit-ton.2.60 ÷ .40- 3.00 + .40
Nitromethane, dms., l.c.l., works, lb. .25 - —
Nitronaphthalene, bols.....lb. .24 - .25
Nitropropane 1, dms., works..lb. .25 - —
II, dms., same basis.....lb. .25 - —
Nutgalls,[5] Aleppo, bgs.....lb. .44 - .45
Chinese ....lb. .39 - .40
Nutmegs,[1] E. I., 95's bgs.....lb. .55 - .56
110's, bgs.....lb. .51 - .52
grinding, bgs. .....lb. .45 - .46
West Indian, No. 1, bgs.....lb. .34¼- .34½
Nux vomica, bls.....lb. .09 - .11
powder, bbls., bxs.....lb. .12 - .13

O

Oakbark extract,[1,2] 25% tan., bbls., c.l., works..lb. No stocks
Ocher (see Yellow).
Octane,[1] 100-140° C., industrial grade, dms., c.l., G.3..gal. .15½- —
l.c.l., G.3.....gal. .29 - —
10 gals., G.3.....gal. .55 - —
tanks, G.3.....gal. .13 - —
Octanol, normal,[2] tech., 360-lb. dms., dlvd..lb. .85 - —
Oil, almond, bitter, artl. (see Benzaldehyde).
bitter, F.P.A.....lb. 5.25 - 5.50
natural, USP, bots.....lb. Nominal
sweet, exp., dms., cns.....lb. 1.50 - 1.60
Angelica root, bots.....lb. No stocks
Seed, bots.....lb. No stocks
Anilin (see A).
Anise, USP, cns., dms.....lb. 4.00 - 4.50
Apricot kernel, cns.....lb. .45 - .55
Avocado, cns., dms.....lb. 1.05 - 1.25
Babassu,[1,2] tanks.....lb. .1110- —
Bay, W. I., 50-55%, cns.....lb. 1.45 - 1.65
Puerto Rican, 55-60%, cns..lb. 1.55 - 1.75
Bergamot, artif., cns.....lb. 2.25 - 9.85
natural, Italian, coppers...lb.25.00 Nom.
Brazilian, cns.....lb. No stocks
Birch (see Oil, sweet birch).
Birchtar, crude.....lb. 2.00 - 2.25
rectified, cns.....lb. 3.00 - 3.35
Bois de Rose, Brazil, cns....lb. 4.50 - 5.00
Mexican (see lignaloe wood).
Bone, dms., works.....gal. .65 - .70
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. 1.65 - 2.25
redistilled, USP X, cns....lb. 2.00 - 2.50



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B&A ACID SULFURIC, FUMING, 30% REAGENT
Clear, colorless, oily liquid; fumes in air; solidifies at 15°C. (59°F.)

Assay (free SO_3)	Min. 30%
Maximum Limit of Impurities:	
Non-volatile	0.005%
Nitrate (NO_3)	0.0001%
Arsenic (As)	0.00005%

B&A ACID SULFURIC, FUMING, 15% REAGENT
Colorless or slightly colored oily liquid; fumes in air.

Assay (free SO_3)	Min. 15%
Maximum Limit of Impurities:	
Non-volatile	0.005%
Nitrate (NO_3)	0.0001%
Arsenic (As)	0.00005%

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Oil, calamus, cns.....lb.22.50 -25.00
Camphor, sassafrassy, cns..lb. No stocks
white, cns.....lb. No stocks
Cananga, native, cns.....lb.11.25 -12.50
rectified, cns.....lb.12.75 -15.00
Capsicum (oleoresin), USP VII, cns..lb. 4.50 - 4.65
Caraway, USP, cns.....lb.22.00 -24.00
Cardamom, bots.....lb.24.00 -34.00
Cassia, USP, cns.....lb.12.00 Nom.
Castor,[1] blown, dms., returnable, c.l..lb. .15¼- —
l.c.l. .....lb. .16 - —
cold pressed, USP, bbls.,c.l.lb. .14 - —
cns. .....lb. .15¾- .17¾
dms., returnable, c.l....lb. .13¾- —
l.c.l. .....lb. .14½- —
tanks .....lb. .13 - —
dehyd., bodied, dms., c.l...lb. .1790- —
l.c.l. .....lb. .1830- —
tanks .....lb. .1750- —
unbodied, dms., c.l.....lb. .1690- —
l.c.l. .....lb. .1730- —
tanks .....lb. .1650- —
No. 3, tech., bbls., c.l.....lb. .13¾- —
l.c.l. .....lb. .14½- —
dms., returnable, c.l....lb. .13¼- —
l.c.l. .....lb. .14½- —
tanks .....lb. .12¾- —
sulphonated, 50% (48% fat), dms., c.l..lb. .10 - —
l.c.l. .....lb. .11 - —
75% (69% fat), dms., c.l..lb. .12¼- —
l.c.l. .....lb. .13¼- —
80% (68% fat), dms.. c.l..lb. .13¼- —
l.c.l. .....lb. .14½- —
Cedarleaf,[2] cns., dms.....lb. 2.65 - 2.85
Cedarwood, dms.....lb. .75 - 1.00
Celery, bots.....lb.24.00 -26.00
Chaulmoogra, USP, cns.....lb. .70 - .75
Chinawood, (see Oil, tung).
Cinnamon bark oil, bots.....lb.36.00 -40.00
leaf oil, dms.....lb. 1.50 - 1.85
Citronella, Ceylon, cns.....lb. .95 - 1.00
Java, cns.....lb. 2.75 Nom.
Clove, USP, cns.....lb. 1.60 - 1.65

Oil, coconut,[1,5] Manila, crude, bulk, c.l.f., N. Y..lb. .0835- —
ref. dms.....lb. .0685- .0985
edible, ex tax, dms.....lb. .0985- —
Cod, Newfoundland, dms...gal. .86 - —
tankcar .....gal. .83 - .85
Codliver,[6] med., USP, bbls., dms..gal. 2.35 - 2.50
Coriander, bots.....lb.23.50 -35.00
Corn,[1,6] crude, tanks, works.lb. .12¾- —
edible, dms., l.c.l.....lb. .16¼- .16¾
tanks .....lb. .1502- —
foots, acid 95%, tanks, dlvd. E..lb. .07¼- —
raw, 50%, tanks, dlvd. E..lb. .03½- —
Cottonseed,[1,6] cooking, l.c.l., ref. dms..lb. .16¼- —
foots, acid, 95%, tankcar, dlvd. E..lb. .07¾- —
raw, 50%, tankcar, dlvd. E., lb. .03¾- —
salad, l.c.l., ref. dms.....lb. .16½- —
Creosote (see C).
Croton, NF, cns.....lb. 3.00 - 4.00
Cubeb, USP, cns.....lb. No prices.
Crude (see Petroleum, crude).
Cumin, bots.....lb. 6.00 -10.00
Cypress, bots.....lb.12.00 - —
Degras (see D).
Dillseed, bots.....lb. 5.10 - 5.50
weed, bots.....lb. 5.50 - 5.75
Dip (see D).
Erigeron, cns.....lb. 2.25 - 2.40
Eucalyptus, cns.....lb. 1.20 Nom.
Fennel, sweet, cns.....lb. 4.50 Nom.
Fir, Canada, cns.....lb. 2.60 - 2.75
Fishliver,[1,6] dms., less than 40,000 A units per gram..... per million units. .14 - —
for each 1,000 additional A units up to 200,000 per gram..per million units. .001 - —
200,000 or more A units..... per million units. .30 - —
Fuel (see Petroleum, fuel oil).
Gaultheria (see Oil, wintergreen leaf).

Oil, geranium, Algerian, cns...lb.13.00 -15.75
Bourbon, cns.....lb.14.00 -16.50
Russian, cns.....lb.15.50 - —
Turkish (see Oil, palmarosa).
Grapefruit, cns.....lb. 2.00 - 2.10
Ginger, dist., bots.....lb.20.00 -22.50
Hemlock, cns.....lb. 2.65 - 3.34
Juniper berry, cns.....lb.15.00 -16.00
wood, tecn., cns.....lb. 1.00 - 1.25
Juniper tar, USP, dms.....lb. 1.00 - 1.30
Lard,[6] common, 1 bbl.....lb. .14 - —
extra, No. 1, bbls.....lb. .14½- —
Winter, strained, bbls...lb. .15 - —
prime, burning, bbls....lb. .16 - —
ined, bbls. .....lb. .15½- —
Laurel, bots.....lb. No prices
Lavandin, cns., 25 lbs.....lb. 8.00 - —
Lavender flower, French, cns., lb. 8.50 -16.00
Russian, cns. .....lb.11.00 -11.50
garden, cns. .....lb. .55 - .75
spike, Spanish, pure, cns..lb. 3.50 - 4.00
tech., cns. .....lb. 2.75 - 3.00
Lemon, Calif., cns.....lb. 3.25 - —
Messina, cns.....lb. 3.25 - —
Terpeneless .....lb.25.00 -50.00
Lemongrass, cns., dms.....lb. 1.50 - 1.60
Lignaloe wood, Brazilian (see Bois de Rose).
Mexican, seed, cns.....lb. No stocks.
wood, cns.....lb. 3.20 - 3.25
Lime, dist., Jamaica, cns....lb. 6.50 - 7.50
Mexican, cns. .....lb. 6.00 - 6.50
expressed, Jamaica, cns...lb.11.00 -12.50
Linseed, raw, dms., c.l.....lb. .1510- —
l.c.l. .....lb. .1550- .1610
tankcar .....lb. .1470- —
tankwagon .....lb. .1470- —
grinding, dlvd. Zone 1, tankcar..lb. .1450- .1550
varnish, dlvd. Zone 1, tankcar, lb. .1490- .1550
polymerized, dlvd. Zone 1, tankcar..lb. .1850- .2050
Boiled linseed oil, .004 over raw.
tankcar, Zone 5.....lb. .127 - —
Linseed replacem't, dms. ret.lb. .131 - .137

Oil, lubricating,[1] at refinery, ex tax, California, neut.,als. pale, 200-800 vis., 2¼-4 pour, tanks..gal. .07¼- .11
red, 200-900 vis., 4-6½ pour, plus tanks..gal. .07¾- .11¼
Group 3, bright stock, 150-160 vis., 0-25 pour, tanks, gal. .25 - —
300 vis., No. 3 col., 0-10 pour, tanks..gal. .14½- .18
200-280 vis., No. 3 col., 15-25 pour, tanks..gal. .15 - .17¼
140-150 vis., No. 3 color, 10-25 pour, tanks..gal. .24 - .30
cylinder oils, 600-630 flash, tanks..gal. .16 - .17
600-650 steam ref'd, tanks..gal. .15 - .15½
neutral, 70° F., No. 3 color, 150 vis., 0-25 pour, tanks..gal. .29 - .31
200 vis., 0-25 pour, tanks..gal. .31 - .32
Mace, dist., cns., dms.....lb. No prices.
Mandarin, Brazilian, cns....lb. 8.75 - 9.00
Italian, coppers .....lb.11.50 -15.00
Menhaden,[1,6] crude, tanks, Balto..lb. .0825- .0890
light-pressed, ret. dms....lb. .1260- —
tanks .....lb. .1180- —
ref'd, alkali, ret. dms....lb. .1360- —
kettle-boiled, ret. dms....lb. .1460- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns....lb. No stocks
Mustard seed,[6] exp., dms....lb. .14¾- —
Neatsfoot, 15°, c.l., bbls....gal. 1.90 - —
20°, c.l., bbls.....gal. 1.90 - —
30°, c.l., bbls.....gal. 1.90 - —
pure, bbls. .....lb. .18¼ Nom.
Neroli, bots.....lb.220.00 -275.00
Haitian, dms. .....lb.240.00 - —
Nutmeg, dist., cns., dms.....lb. No prices.
Oiticica,[1] liquid, dms.....lb. .20½- .21
tanks .....lb. No stocks
Oleo,[6] 1, bbls.....lb. .13¾ Nom.
Olibanum, bots. .....lb. 5.00 - —
Olive, denat., dms.....gal. No stocks.
edible,[1] Calif., ¼%-3% f.f.a., dms..gal. 4.30 - 4.80
imported, dms.....gal. No stocks.
foots, dms. .....lb. No stocks.
sulphonated, 50% (40% fat), dms., c.l..lb. No prices.
l.c.l. .....lb. No prices.
80% (68% fat), dms., c.l..lb. No prices.
l.c.l. .....lb. No prices.
85% (68% fat), dms., c.l..lb. No prices.
l.c.l. .....lb. No prices.
Orange, sweet, dist., cs.....lb. 1.00 - —
expressed, Brazilian, cns..lb. 1.25 - 1.30
Calif., cns.....lb. 1.45 - 1.75
Florida, cns., dms.....lb. 1.10 - 1.20
Messina, USP, coppers.lb. No stocks.
West Indian, cns.....lb. 3.75 - 4.00
sequiterpeneless, bots.....lb.97.00 -100.00
Origanum, Spanish, cs.....lb. 2.40 - 2.75
Palm,[1,6] Niger, dms.....lb. .0865- —
Palmarosa, cns.....lb. 4.25 - 5.50
Paraffin,[1] 300° flash, 100-110 vis., tanks, G.S..gal. .05¾- —
320° flash, 60-70 vis., tanks, same basis..lb. .05¼- —
350° flash, 70-80 @ 100 vis., 0/10 pour..gal. .08 - —
80-85 vis., 0/10 pour, bbls., extra, Ind.refy..gal. .12 - —
100-100 vis., 0/10 pour, same basis..gal. .08½- —
10/25 pour, same basis.gal. .08¼- —
100-105 vis., 0/10 pour, same basis..gal. .14 - —
Patchouli, cns.....lb.20.00 Nom.
Peanut,[1,6] crude, tanks, mill. lb. .13 - —
bichd., deod., tankcar.....lb. .1501- —
hydrog., tanks .....lb. .1578- .1578
foots, acid, 95%, tanks, dlvd. E..lb. .08 - —
raw, 50%, tanks, dlvd. E..lb. .04 - —
Pennyroyal, dms., cns.....lb. 4.10 - 4.25
import, cns.....lb. No prices
Peppermint, natural, dms....lb. 7.50 - —
redist., USP, dms.....lb. 8.05 - —
Perilla, crude, dms.....lb. No stocks.
Petitgrain, Paraguay, cns., dms. lb. 1.60 - 1.70
Pimento, berry, dms.....lb. 6.90 - 7.00
Leaf, cns.....lb. 4.50 - 4.75
Pine,[1,6] ret., dms., c.l., dlvd. E. gal. .63 - .63½
l.c.l., ret., dms., dlvd. E. gal. .73 - —
tanks, works.....gal. .55 - —
Pineneedle, cns. .....lb. 3.25 - 3.50
Putty,[3] bbls., E. Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19½- —
dms., c.l., Whiting, Ind..gal. *.34 - —
Boston, Providence....gal. .25 - —
l.c.l., same basis....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal. .....gal. .28 - —
* Extra for bbls., but subject to quantity discounts, ranging from 2c. to 5c. per gallon, according to amount purchased.
Rapeseed,[1,6] denat., bulk, c.l.f. N. Y..lb. .1150- —
Red,[6] dist. dms., dlvd.....lb. .12¾- .13¾
tanks, dlvd. .....lb. .12 - —
double dist., ret. dms.....lb. .15½- .16¼
Saponified, same prices.
Rose, natural, coppers.....oz.30.00 -40.00
Rosemary, Spanish, cns., dms., lb. 1.70 - 2.10
Rosin, 1st rectified, dms....gal. .66 - —
2d rectified, dms.....gal. .68 - —
3d rectified, dms.....gal. .72 - —
Rue, bots. .....lb. 8.25 -10.00
Sage, Spanish, cns.....lb. 3.50 - 5.50
Sandalwood, NF, dist., cns..lb. 6.75 - —
Mysore, cns., case lots..lb. 7.00 - 7.25
Sardine, crude,[1,6] tanks, Pac. Coast..lb. .0890- —
light-pressed, ret. dms....lb. .128 - .13
tanks .....lb. .1225- —
ref'd alkali, ret. dms.....lb. .138 - .14
kettle-boiled, ret. dms.....lb. .1480- .1500
Sassafras, artif., cns.....lb. 1.05 - 1.40
natural, cns., dms.....lb. 1.90 - 2.00
Savin, cns. .....lb. No stocks
Savory, cns. .....lb. 8.00 - —
Sesame,[1,6] tanks.....lb. .1430- —
Shingle stain, bbls., c.l., works, gal. .19 - —
l.c.l., works.....gal. .20 - —
tanks, works.....gal. .14 - —
Snake root, Canada, cns....lb. No stocks
Soybean,[1,6] crude, tanks, Decatur..lb. .1175- —
deod., Winter, tankcar....lb. .1393- —
ref. dms.....lb. .1500- .1540
clarif., dms.....lb. .1296- .1305
tanks .....lb. .1256- —
foots, acid, 95%, tanks, dlvd. E..lb. .07¼- —
raw, 50%, tanks, dvld. E..lb. .0314- —
refd., varnish, dms.....lb. .1358- .1400
tanks .....lb. .1340- .1347
Spearmint, dms.....lb. 4.00 Nom.
Sperm,[6] bleach, 38°, dms....lb. .1445- —
natural, 45°, dms.....lb. .1310- —
Spruce,[1] cns., dms.....lb. 2.65 - 2.94
Sunflower semi-ref.,[6] tanks..lb. .1490- —
refined, tanks.....lb. .1466- —
Sweet birch, North, cns.....lb. 4.00 - 5.00
South, cns.....lb. 2.80 - 3.75

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YOU SHOULD *Investigate*

THE PRICES ARE *Right* ... THE QUALITY IS OF THE *Highest*

Cyclamal

Amyl Salicylate

Ionone A. B.

Ionone Methyl

Hydratropic Aldehyde

Para Methyl Hydratropic Aldehyde

Veratraldehyde

Cumarin

Vanillin

Phenyl AcetAldehyde DiMethyl Acetal

Florofix

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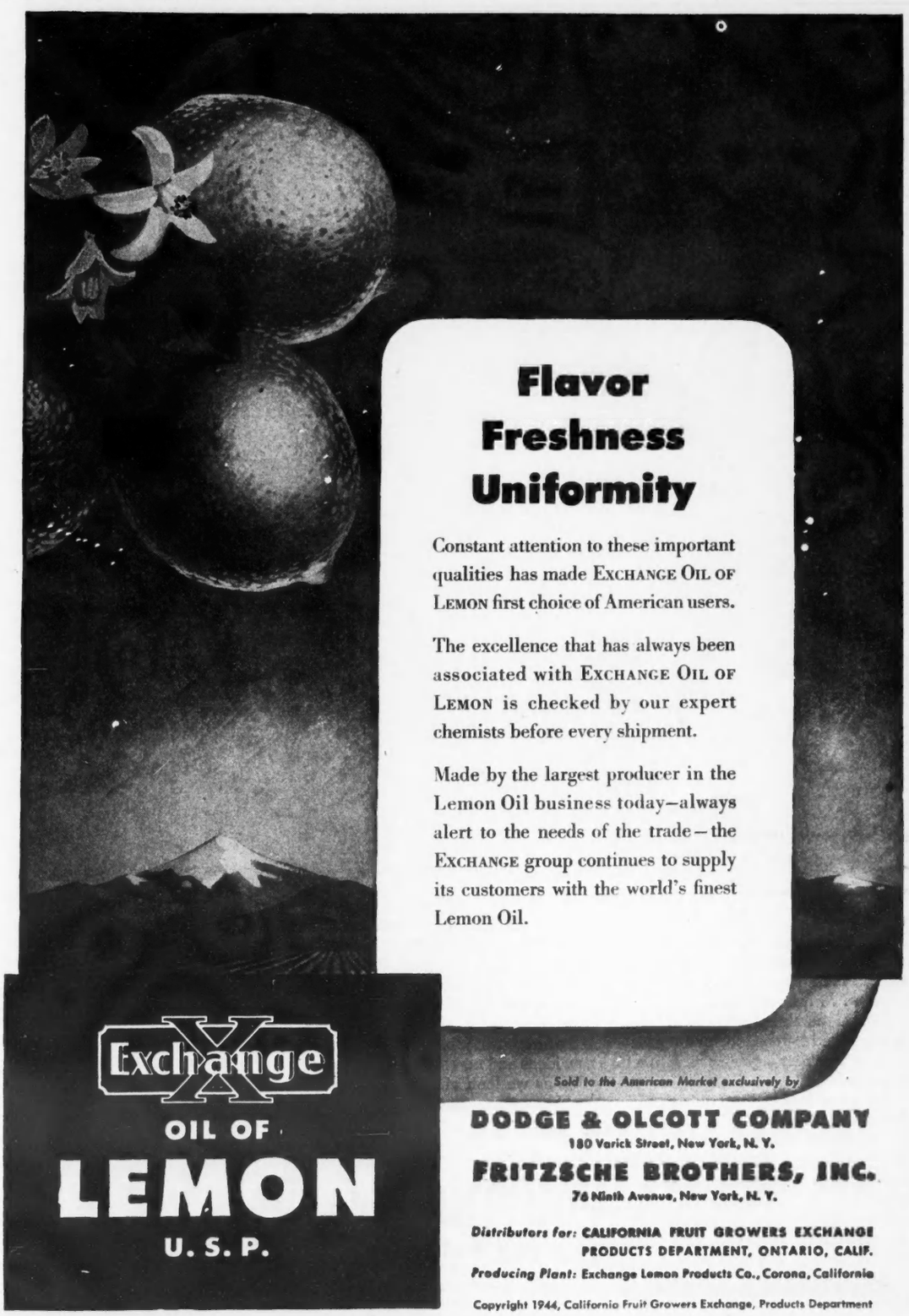
Aromatics Division
GENERAL DRUG COMPANY
644 Pacific St., Brooklyn 17, N. Y.

9 S. CLINTON STREET, CHICAGO 6 1019 ELLIOTT STREET, W. WINDSOR, ONT.

Oil, tall, crude, dms., c.l., works, ton. 53.65 - 55.00
l.c.l., works ton. 55.65 - 63.66
tanks, works ton. 40.00 - 45.00
refined, dms., c.l., works lb. .05 - .05¼
l.c.l., works lb. .05½ - —
tanks, works lb. .04½ - —
Tallow,[5] acidless, bbls lb. .14¾ - —
tanks lb. .13¾ - —
Tansy, cns lb. 3.75 - 4.50
Tar,[1] pine, dms., c.l., dlvd. E. cities gal. .32¾ - —
l.c.l., f.o.b. works gal. .29¾ - —
tanks, dlvd. E. cities gal. .27 - —
rect., USP, bbls gal. .60½ - —
Tar acid (see T).
Thyme, NF, red, cns lb. 2.50 - 3.50
white, cns lb. 2.65 - 4.00
Tung,[1,6] dms lb. .39 - —
tanks lb. .38¾ - —
Turkey red (see Castor, sulphorated).
Turpentine (see T).
Vetiver, Java, bots lb. 50.00 Nom.
Whale,[6] ref., natural, dms lb. .1187 Nom.
winter, bleach, dms lb. .1232 Nom.
Wheat germ, dms gal. 10.00 - 13.50
White, mineral, tech., 50-60 vis., dms., c.l. gal. .38 - —
l.c.l. gal. .42 - .45
65/75 vis., c.l. gal. .36 - —
l.c.l. gal. .42 - .45
USP, 80/90 vis., dms., dm. charges not included, c.l., gal. .39 - —
l.c.l. gal. .45 - .48
95/105 vis., dms., c.l. gal. .44½ - —
l.c.l. gal. .50½ - .53½
125/135 vis., dms., c.l. gal. .49 - —
l.c.l. gal. .55 - .58
145/155 bls., dms., c.l. gal. .51 - —
l.c.l. gal. .57 - .60
175/185 vis., c.l. gal. .54½ - —
l.c.l. gal. .60½ - .63½
200/210 vis., c.l. gal. .58 - —
l.c.l. gal. .64 - .67
320/330 vis., c.l. gal. .65 - —
l.c.l. gal. .71 - .74
335/345 vis., c.l. gal. .66 - —
l.c.l. gal. .72 - .76
San Francisco, 55, 70 and 85 vis., ret. iron dms., 65 dms. gal. .40 - —
64-1 dms. gal. .42 - .45
100 vis., 65 dms gal. .49½ - —
64-1 dms. gal. .51½ - .54½
145 vis., 65 dms gal. .57 - —
64-1 dms. gal. .59 - .62
180 vis., 65 dms gal. .60½ - —
64-1 dms. gal. .62½ - .65½
340 vis., 65 dms gal. .72 - —
64-1 dms. gal. .74 - .77
Wintergreen, nat., North. cns. lb. 6.50 - 8.50
South, cns. lb. 4.00 - 4.25
synthetic (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns lb. No prices.
Wormwood, cns lb. 4.85 - 5.50
Ylang-ylang, Bourbon, bots lb. 11.00 - 14.50
Oleostearin,[1] bbls lb. .1054 —
Olivine, aggregate, c.l., mines, ton. 7.00 - 9.50
crushed, 8 mesh, bulk, c.l., works ton. 8.00 - —
paper bgs., c.l., works ton. 9.50 - —
lumps, same basis ton. 7.00 - —
spalls, same basis ton. 5.00 - —
Opium gum, USP, cns., 50-lb. lots lb. 13.00 - —
25-lb. lots lb. 13.25 - —
smaller lots lb. 13.50 - 13.65
Prices on powd. and gran. USP opium are $1.50 per pound higher.
Orange, dinitroanilin toner,[1] lb. 1.05 - —
Lake, Persian,[1] bbls lb. .30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash. lb. .12¼ - —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash. lb. .12¾ - —
Colo., Mont., N. M., Wyo. lb. .12¼ - —
other points lb. .12 - —
smaller lots, dlvd. Ala., etc. lb. .12¾ - —
Ariz., etc. lb. .13¼ - —
Colo., Mont., N. M., Wyo. lb. .13 - —
Other points lb. .12½ - —
Molybdate,[1,9] bbls lb. .41 - —
Orthonitroaniliu toner,[1] kgs., works lb. .80 - —
bbls. lb. .80 - 1.05
Orange peel, bitter, Haitian, bgs., lb. .12½ - .13
sweet, bls lb. .14 - .14½
Oregano, Mexican, curly leaf, bgs lb. .10½ - .11
flat leaf, bgs lb. .10 - .10½
Orris root, African, bls lb. .80 - .85
powd., bbls., bxs lb. .85 - .90
Portuguese, bls. lb. .45 - .46
Verona, bls. lb. 1.25 - 1.30
Orthoamylphenol, dms., works lb. .25 - —
Orthoanisidin, bbls. lb. .70 - —
Orthochloroaniliu, dms. lb. .60 - .70
Orthochlorophenol, dms lb. .32 - —
Orthocresol,[2,6] 30.4°C. Min. M.P., dms., c.l., works lb. .17½ - .18
l.c.l., same basis lb. .18 - .18½
29.0°C, Min. M.P., dms., c.l., works lb. .16½ - .17
l.c.l., same basis lb. .17 - .17½
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies, lb. .07 - —
l.c.l., same basis lb. .08 - —
tanks, same basis lb. .06½ - —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.
Orthonitroaniliu, dms. lb. .45 - —
Orthonitrochlorobenzene, dms lb. .15 - .18
Orthonitroparachlorophenol, cns., lb. .75 - —
Orthonitrotoluene, dms. lb. .09 - —
Orthophenetidin, dms. lb. .82 - —
Orthotoluidin, dms lb. .19 - —
Osage orange, crystals, bbls lb. .23 - —
extract, No. 1, bbls lb. .11 - —
No. 2, bbls lb. .10 - —
Oxyquinolin sulphate, cns., 100 lbs., works lb. 3.50 - —
smaller lots lb. 3.75 - 4.15

P

Papain, powd., cs lb. 2.25 - 2.60
Papaverine natural, synthetic, hydrochloride, NF, cns., 100-oz. lots oz. 7.00 - —
smaller lots oz. 7.05 - 7.25
sulphate, cns oz. 7.10 - 7.35
Paprika,[1] Chilean, good, bgs lb. .27 - .28
Portuguese, choice, bgs lb. .39½ - .40
extra fancy, bgs lb. .38½ - .39¾
good, bgs lb. .36 - .37
Spanish, fancy, bgs lb. .45 - .56
good, bgs lb. .36 - .37
fair, bgs lb. .32 - .33
Para-anisidin, dms., works lb. .75 - —
Parachlorophenol, 1ms., wks lb. .32 - —
Paracresol,[2] bbls., wks lb. .41 - —
Paracymene, dms., c.l., works lb. .1595- —
l.c.l., same basis lb. .1645- —
tanks, same basis lb. .1545- —
Paradichlorobenzene, dms., c.l., works lb. .11 - .13
l.c.l., same basis lb. .12½ - .15
Paraffin, crude scale, white or yellow, 119-121 ASTM, bbls., c.l., refinery lb. .04¼ - —
fully ref'd, slabs, loose, 117-119 ASTM, c.l., refinery lb. .05 - —
120-122 ASTM, same basis, lb. .0520- —
122-124 ASTM, same basis, lb. .0520- —
125-127 ASTM, same basis, lb. .0560- —
127-129 ASTM, same basis, lb. .0585- —
128-130 ASTM, same basis, lb. .0585- —
130-133 ASTM, same basis, lb. .0615- —
132-134 ASTM, same basis, lb. .0640- —
135-137 ASTM, same basis, lb. .0715- —
140-142 ASTM, same basis, lb. .0810- —
146-148 ASTM, same basis, lb. .1050- —
Prices in bags 4/10c. per lb. higher than those for slabs loose.
Paraformaldehyde,[2,3] dms., 1,000 lbs. or more, works lb. .23 - —
100 to 999 lbs., works lb. .24 - —
Paraldehyde, tech., 98%, 55 and 110-gal.dms., l.c.l., works lb. .12 - —
and 10-gal. dms., works lb. .15 - —
USP, cns., cbys lb. .35 - .45
Paranitroaniliu, kgs., works lb. .43 - .45
Paranitrochlorobenzene, k g s., works lb. .15 - —
Paranitrophenol, kgs lb. .35 - —
Paranitrotoluene, kgs., works lb. .30 - —
Paraphenylenediamine, t e c h., kgs. lb. 2.00 - —
Paratoluenesulphonamide, bbls lb. .70 - —
Paratoluidin, bbls., works lb. .48 - —
Paris green,[1] dealer, dms., kgs., c.l., works, frt. alld. lb. .20 - .25
l.c.l., same basis lb. .21 - .26
Passion flower herb, bls lb. No prices
Patchouli leaves, bls lb. .34 - .35
Pectin, bbls lb. .85 - —
Penicillin,[6] ampules, per 100,000 units. 1.90 - —
Pennyroyal leaves, bls lb. .15 - .16
Pentachlorophenol, dms., works, lb. .20 - .25
Pentaerythritol,[6] CP, bbls., dlvd. lb. .75 - —
less than barrel lots lb. 1.00 - —
tech., bbls., c.l. lb. .29 - —
l.c.l. lb. .33 - —
Tetra-acetate, bbls., dlvd. lb. 1.00 - —
less than barrel lots lb. 1.50 - —
Pentane,[1] 28°-38° C., industrial grade, dms., c.l., Group 3, gal. .11 - —
l.c.l., Group 3 gal. .19 - —
tanks, Group 3 gal. .07½ - —
laboratory grade, dms., c.l., gal. .16 - —
l.c.l. gal. .29 - —
10 gal. gal. .55 - —
Pepper, black,[1] 15 tons, bgs lb. .0665 Bid
50 to 100 bgs lb. .0705 Bid
24 bgs lb. .0725- .0740
red, chillies, Carolina, longs, bgs. lb. .28 - .28½
sports, bgs lb. .50 - .52
Congo, bgs lb. .25 - .26
Louisiana, sports, bgs lb. .50 - .52
Mombassa, bgs lb. .21 - .21½
Niger, fair, bgs lb. .18½ - .19
Sierra Leone, bgs lb. .22½ - .23
Unganda, washed, bgs lb. .21 - .21½
white,[1] 15 tons, bgs lb. .1161 Nom.
24 bgs. lb. .1295 Nom.
Peppermint, USP, bls lb. .60 - .70
import, bls lb. .90 Nom.
Perchloroethylene,[6] d m s., c.l., works, frt. alld., Zone 1 lb. .0782- .0800
l.c.l., same basis lb. .0832- .0850
Zone 2, dms., c.l., works, frt. alld. lb. .0832- .0850
l.c.l., same basis lb. .0882- .0900
Zone 3, dms., c.l., works, frt. equald. lb. .0882- .0900
l.c.l., same basis lb. .0932- .0950
Zone 4, dms., c.l., f.o.b. stock point. lb. .0882- .0900
l.c.l., same basis lb. .0932- .0950
Perchlorethylene zones are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb. (Omaha), Kans. (Kansas City), N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; (2) Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S.C., S.D.; (3) Col., Mont. (E), N.M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.
Peru balsam, dms lb. 1.15 - 1.20
Petrolatum, tech., dark, bbls., Group 3, c.l. lb. .021 - —
golden Topaz, bbls., c.l. lb. .032 - —
l.c.l. lb. .036 - —
red, veterinarian, bbls., c.l. lb. .024 - —
l.c.l. lb. .028 - —
USP, amber, fiber dms., c.l. lb. .03½ - —
l.c.l. lb. .04½ - —
extra amber, fib. dms., c.l. lb. .03¾ - —
l.c.l. lb. .04¾ - —
cream, c.l., fib. dms. lb. .05 - —
l.c.l. lb. .06½ - —
yellow, soft, fib. dms., c.l. lb. .03½ - —
l.c.l. lb. .04½ - —
white, lily, fib. dms., c.l. lb. .05¾ - —
l.c.l. lb. .07¼ - —
snow, 3-l., fib. dms lb. .06¼ - —
l.c.l. lb. .08 - —
soft, c.l., fib. dms lb. .05½ - —
l.c.l. lb. .06½ - —



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PRODUCTS DEPARTMENT, ONTARIO, CALIF.

Producing Plant: Exchange Lemon Products Co., Corona, California

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Petroleum, crude, bulk, at wells.
California, heavy grades..bbl. .93 - 1.01
Illinois .....bbl. 1.37 - —
Kentucky, Union County..bbl. 1.32 - 1.37
Louisiana-Arkansas .....bbl. .86 - 1.20
Oklahoma-Kansas .....bbl. .85 - 1.25
Pennsylvania .....bbl. 1.31 - 3.00
Texas, Gulf Coast.....bbl 1.06 - 1.38
North, North-Central.....bbl. 1.01 - 1.25
West .....bbl .70 - 1.12
Panhandle .....bbl. 1.10 - 1.22
Savannah, Ga.....bbl. 1.60 - 1.77
Wyoming .....bbl. 1.12 - —

Ether, laboratory grade, 30-60° C., dms., c.l., Group 3..gal. .18 - —
l.c.l. .....gal .29 - —
10 gals.....gal. .55 - —
35-60° C., dms., c.l.....gal. .29 - —
10 gals.....gal. .55 - —
40-75° C., dms., c.l.....gal. .16 - —
l.c.l. .....gal. .29 - —
10 gals.....gal. .55 - —

Fuel oil, furnace, tanks, at refinery:—
Arkansas, No. 1.....gal. .04 - —
Nos. 2 and 3.....gal. .03½- —
California, heavy....bbl. 1.10 - —
light .....bbl. 1.20 - —
diesel .....gal. .04 - —
stove dist.....gal. .05 - —
Group 3, No. 3.....gal. .06½- —
Group 3, No. 5.....bbl. .85 - —
No. 6.....bbl. .80 - .85
Kansas, No. 6.....bbl. .85 - .90
Oklahoma, No. 2.....gal. .03⅝- —
No. 6.....bbl. .90 - —
14-16 .....bbl. .97 - —
Pennsylvania, No. 1..gal. .07 - .07⅝
No. 2.....gal. .07 - .0905
No. 3.....gal. .06⅞- .07⅝
36-40 gravity.....gal. .07 - .07⅝

Petroleum, fuel oil, bunker C, Baltimore, Md...bbl. 1.65 - 1.77
Boston, Mass.....bbl. 1.65 - 1.77
Charleston, Mass.....bbl. 1.60 - —
Jacksonville, Fla.....bbl. 1.60 - —
New York, N. Y.....bbl. 1.65 - 2.07
Norfolk, Va.....bbl. 1.65 - 1.77
Philadelphia, Pa.....bbl. 1.65 - —
Portland, Me.....bbl. 1.80 - —
Providence, R. I.....bbl. 1.65 - —
Savannah, Ga.....bbl. 1.65 - 1.77
Wilmington, N. C.....bbl. 1.65 - —

Lacquer diluent, at refinery:—
California, 190 l.b.n., 200 e.p., tanks, dlvd. Los Angeles, gal. .11 - —
Fort Wells, Wash.....gal. .12 - —
San Francisco....gal. .11½- —
Willbridge, Ore...gal. .12 - —
East Coast, N. J., N. Y., tanks..gal. .11½- —
gal. .07⅞- —
Group 3, benzol type, tanks, toluol type, tanks..gal. .07⅝- .07⅛

Mineral spirits, at refinery, California (f.o.b. San Francisco), 163-252 b.r., tanks, gal. .10½- —
198-200 b.r., tanks...gal. .10¼- —
246-397 b.r., tanks...gal. .10½- —
312-408 b.r., tanks...gal. .09 - —
362-458 b.r., tanks...gal. .09 - —
East Coast, N. J., N. Y..gal. .10 - —
Group 3, tanks.....gal. .06¼- —
tankwagon, Baltimore....gal. .12 - .13
Boston .....gal. .12 - —
Bridgeport, Conn.....gal. .1630- —
Buffalo .....gal. .1240- —
Camden, N. J.....gal. .11 - —
Chicago .....gal. .13½- —
Detroit .....gal. .1580- —
Hartford .....gal. .1630- —
Kansas City, Mo.....gal. .1480- —

Petroleum, mineral spirits, tankwagon, Lancaster, Pa..gal. .12 - —
Milwaukee .....gal. .1440- —
Minneapolis .....gal. .1420- —
Newark (200 gal.).....gal. .11 - —
New York (200 gal.)....gal. .11 - —
Philadelphia .....gal. .11 - —
Pittsburgh .....gal. .129 - —
Providence .....gal. .13 - —
Rochester .....gal. .1320- —
St. Louis.....gal. .1370- —
Syracuse .....gal. .14 - —
Washington, D. C.....gal. .13 - —
Wilmington, Del.....gal. .13 - —

Naphtha, cleaners, at refinery:—
California (f.o.b. San Francisco), tanks..gal. .12 - —
East Coast, N. J., N. Y., tanks..gal. .11 - —
Group 3, tanks.....gal. .07⅛- —
tankwagons, Newark....gal. .12 - —
Bridgeport .....gal. .1730- —
Chicago .....gal. .1380- —
Detroit .....gal. .15 - —
Milwaukee .....gal. .1440- —
Minneapolis .....gal. .1420- —
New York.....gal. .12 - —
Philadelphia .....gal. .125 - —
St. Louis.....gal. .1470- —

high-solvency, No. 1, over 76% arom., tanks, Bayway, N. J..gal. .21½- —
No. 2, over 90% arom., same basis..gal. .21½- —
No. 3, same basis.....gal. .22½- —
No. 8, tanks, same basis, gal. .228 - —
No. 80, tanks, f.o.b. Kingsland, N. J., frt. alld..gal. .223 - —
No. 40, tanks, Wilmington, Cal..gal. .13¼- —

Petroleum naphtha, V.M.&P., at refinery:—
California, 46.5, 254 l.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond .....gal. .11½- —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
Calif., 54-77, 190 l.b.p., 310 e.p., tanks, dlvd. Los Angeles..gal. .10 - —
San Francisco....gal. .10½- —
Portland, Seattle..gal. .11 - —
East Coast, N. J., N. Y., tanks..gal. .11 - —
Group 3, tanks.....gal. .07½- —
Gulf Coast (dlvd. New Orleans), tanks..gal. .06½- —
tankwagon, Boston.....gal. .13 - —
Chicago .....gal. .1380- —
Detroit .....gal. .15 - —
Milwaukee .....gal. .1540- —
Minneapolis .....gal. .1620- —
Newark (200 gal)... .gal. .125 - —
New York.....gal. .12 - —
Philadelphia .....gal. .125 - —
Pittsburgh .....gal. .12½- —
St. Louis.....gal. .1470- —

Solvent, rubber, at refinery, California (f.o.b. San Francisco)..gal. .23½- —
East Coast, N. J., N. Y., tanks..gal. .11 - —
Group 3, tanks.....gal. .07⅛- .07⅛
Stoddard (CS 8-33), at refinery:—
California (f.o.b. San Francisco), tanks..gal. .11 - —
East Coast, N. J., N. Y., tanks..gal. .10 - —
Group 3, tanks.....gal. .06⅝- —
Pennsylvania, western, tanks..gal. .07¼- .07½
tankwagon, Baltimore...gal. .13 - —
Boston .....gal. .12 - —
Chicago .....gal. .13¼- —
Detroit .....gal. .1580- —
Milwaukee .....gal. .1440- —
Minneapolis .....gal. .1420- —
Newark .....gal. .11 - —
New York.....gal. .11 - —
Philadelphia .....gal. .11 - —
Pittsburgh .....gal. .12½- —
St. Louis.....gal. .1370- —
Syracuse .....gal. .14 - —
Xylol solvent. See Xylol petroleum solvent.

Phenobarbital, 5-lb. cns.....lb. 3.60 - 3.70
dms., 100 lbs.....lb. 3.50 - —
Phenol,[2,6] 90-92% (cresol, 8-10%), dms., c.l., works, frt. equald., lb. .10 - —
l.c.l., same basis.....lb. .10¾- —
tanks, same basis.....lb. .09 - —
82-84% (cresol, 16-18%), dms., c.l., same basis..lb. .09¾- .10⅛
l.c.l., same basis.....lb. .10½- .10⅝
tanks, same basis.....lb. .08¾- .09⅛
USP, dms., c.l., works, frt. equald..lb. .10½- —
l.c.l., same basis.....lb. .11¼- —
tanks, same basis.....lb. .09½- —
Phenolphthalein, USP, bbls., dms., 2,000 lbs..lb. .85 - —
smaller lots.....lb. .87 - .92
yellow, fib. dms., 2,000 lbs...lb. .80 - —
smaller lots.....lb. .82 - .87
Phenothiazin, fib. dms., 2,000-lb. shipt..lb. .49 - —
smaller lots, same basis..lb. .54 - —
Phenylacetaldehyde, 50% solut., bots..lb. 2.45 - 3.00
100% solut., bots.....lb. 4.40 - 5.00
Phenylethyl acetate, cns.....lb. 2.45 - 3.00
Phenylethylphenyl acetate, bots., lb. 5.50 - 7.90
Phenylhydrazin, base, CP, bots.lb. 4.85 - —
Hydrochloride, CP, bots., works, lb. 7.10 - —
commercial, kgs., works....lb. 1.75 - —
Phloroglucinol, CP, fib. dms...lb.13.75 -14.75
tech., fib. dms.....lb.12.00 -12.50
Phosgene, ton lots, works.....lb. .19 - —
Phosphate rock,[1,3] Fla., land pebble, unground, run-of-mine, washed, dried, 68%-66% b.p.l., M.P.R. 240 provisions, bulk, f.o.b. car, mine, c.l..... long ton. 2.20 - —
70-68% b.p.l., M.P.R. 240 provisions, same basis..long ton. 2.60 - —
72%-70% b.p.l. M.P.R. 240 provisions, same basis..long ton. 3.20 - —
75%-74% b.p.l., M.P.R. 240 provisions, same basis..long ton. 4.20 - —
77%-76% b.p.l., M.P.R. 240 provisions, same basis..long ton. 5.20 - —
entirely pebble 50c. per ton higher than above prices.
30%, P_2O_5 minimum, short ton. 2.90 - —
31%, P_2O_5 minimum.. short ton. 3.10 - —
70%, basis 32%, P_2O_5 minimum..short ton. 3.45 - —
Tenn., brown, unground, run-of-mine, 70%-68% b.p.l., 5% l. & a., M.P.R. 240 provisions, same basis..long ton. 5.00 - —
72%-70% b.p.l., 5½% l. & a., M.P.R. 240 provisions, same basis..long ton. 5.50 - —
refinery ground, same basis, long ton. 4.65 - —
30%, P_2O_5, same basis..... short ton. 4.85 - —
31%, P_2O_5, same basis. .. short ton. 4.95 - —
32%, P_2O_5, same basis..... short ton. 5.20 - —
33%, P_2O_5, same basis..... short ton. 5.70 - —
Phosphate, defluorinated (see under D).
Phosphorus,[6] red amorphous, cs., lb. .40 - .44
tins, export.....lb. .55 - —
Yellow, dms.....lb. .25 - —
cs. .....lb. .23 - .25
Oxychloride,[6] cyls.....lb. .15 - .18
Pentoxide,[6] dms., c.l., wks..lb. .11 - .12
l.c.l., works.....lb. .13 - .14
Sesquisulphide,[6] cs.....lb. .38 - .42
Trichloride,[6] cyls.....lb. .15 - .16
Phthalamide, bbls., works.....lb. .35 - .40
kgs., works.....lb. .45 - .50
Phthalic anhydride,[6] bgs., bbls., c.l., works, frt. alld. E. of Denver..lb. .13 - —
l.c.l., same basis.....lb. .14 - —
Pichi leaves, bgs.....lb. .08 - .09½
Picoline (see Alphapicoline and Betapicoline).
Picrotoxin, bots.....oz. 8.00 - —
Pilocarpine hydrochloride, USP, bots., vis..oz. 3.90 - 5.25
Nitrate, bots., vis.....oz. 3.80 - 5.15
Pimento,[1] Jamaica, bgs.....lb. .21 - .21½
Mexican (see Allspice, Mexican).
Pinkroot, bls.....lb. 1.90 - 2.00
Piperazine hexahydrate, bots..lb.16.00 - —
Pitch, burgundy (see B).
Coaltar,[2] 160° m.p., bbls., c.l., works..ton.19.00 - —
l.c.l., works.....ton.22.00 - —
Cottonseed, dms., works.....lb. .04 - .06
Hardwood, paper bgs., works.lb. .03½- —
Linseed, dms.....lb. .05 - .06⅛
Petroleum (see Asphaltum, Mexican, Texas).
Soybean, dms., works.....lb. .04 - .06

Will the can that sprays TNT at Panzers spray the ants in your plants?

● It's an uncanny can. It wrecks giant tanks and other mechanized monsters. It's also used as a delayed-action land mine . . . a demolition charge . . . a booby trap.

Yet this new high explosive weapon is small and light enough to be carried in a soldier's pocket as a hand grenade!

You and this can are old friends. You, too, have used it to eliminate pests. Before the war it was a can for insecticides. After the war, it will again carry chemicals to protect your garden against insects, your clothes against moths, your children against infection.

It will carry new and better insecticides, too. (The industry is learning lots of new things in this war!) And these insecticides will come to you full strength—safely packed in cans.

To do our war job, we've developed new ideas and new skills, too. That's why, as we look ahead, we see *new and better things in Continental cans.*

POST-WAR PLANNING: We'll be glad to discuss future uses or improvements of your product or package and help in your post-war planning. Write Post-War Planning Dept., 100 E. 42nd Street, N.Y.C., or Continental Can Company of Canada, Limited, Montreal.

CONTINENTAL CAN COMPANY

NEW AND BETTER THINGS IN CONTINENTAL CANS

Awarded to Plant 78, Chicago • Illinois

ARMY E NAVY

SAVE TIN CANS—HELP CAN THE AXIS

Pine, dms.....100 lbs. 3.25 - —
stands, 200 lbs.....stand. 6.00 - —
Plaster of paris (see Gypsum).
Podophyllin, dms.....lb. 8.75 - 9.00
Pokeroot, bbls.....lb. .14 - .15
Polyamylnaphthalene, dms., l.c.l., works..lb. .25 - —
Pomegranate, root bark, bgs...lb. .80 - .85
Poppy flowers, bls.....lb. .60 - .70
Seed, Canadian, bgs.....lb. No stocks
domestic, blue, bgs.....lb. No stocks
Dutch, bgs.....lb. No stocks
Indian, white, bgs.....lb. No stocks
Turkish, bgs.....lb. No stocks
cleaned, bgs.....lb. No stocks
Potash abietate.....lb. .08 - —
Acetate, USP, bbls., dms...lb. .28 - .30
cns.....lb. .31 - .33
Arsenite,[6] USP, solut., cbys., djns..lb. .13 - .15
Bicarbonate, USP, cryst., gran., bbls., dms..lb. .19 - .21
Bichromate,[6] bbls., cks., c.l., works..lb. .09¾- —
l.c.l., works.....lb. .09¾- .10
Potash bichromate in bgs., ½c. less.
Bromide, USP, gran., 500-lb. bbls., dms..lb. .27 - .31
100-lb. kgs.....lb. .23 - .32
Carbonate, calc., bbls., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
dms., l.c.l., same basis..lb. .05¾- —
USP, gran., bbls., dms...lb. .14 - .20
powd., bbls., dms.....lb. .19 - .21
Caustic, flake, 88-92%, dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .07½- —
45% basis, dms.....lb. .08½- .08¾
tanks .....lb. .02⅞- —
liquid, dms., c.l., works, frt. alld..lb. .03 - —
l.c.l., dms., same basis..lb. .03½- —
tanks, same basis.....lb. .02¾- —
solid, 88-92%, dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06⅝
Chromate,[6] bgs.....lb. .24 - .28
Chlorate,[6] cryst., bgs., c.l., works..lb. .11 - .11⅝
l.c.l., works.....lb. .119 - .13
powd., dms., kgs., c.l., works. lb. .09⅝- .11⅝
l.c.l., works.....lb. .119 - .13
export, 1 to 10 tons, kgs., ex whse..lb. .18 - .20
Chloride, cryst., tech., 98%, bgs., kgs..lb. .08 Nom.
Citrate, USP, gran., bbls., dms. lb. .33½- .38¼
powd., 3c. per lb. higher.
Cyanide,[6] dms., works.....lb. .55 - —
Fluoride, bbls.....lb. .34 - .40
Glycerophosphate, 75% sol., cns., cbys..lb. 1.65 - 1.67
dms., 1,000 lbs.....lb. 1.50 - —
100 lbs.....lb. 1.60 - —
Guaiacolsulphonate, NF, dms.lb. 1.65 - 1.85
Hydroxide, USP, sticks, dms.lb. .34 - .36
Hypophosphite, cns.....lb. .72 - .75
Iodate, bots., 5 lbs.....lb. 3.46 - —
cns., 25 lbs.....lb. 3.35 - —
Iodide, bots., cns.....lb. 1.44 - 1.48
dms.....lb. 1.35 - 1.38
Manure salt, dom.,[6] 22% K_2O, f.o.b. Carlsbad, N. M..... unit-ton. .20 - —
Potash, manure salt, dom., 22% K_2O, seasonal contract discounts to March 31, 1945, 12%.
25% K_2O, same basis..... unit-ton. .21 - —
Metabisulphite, gran., bbls..lb. .19 - .21
powd., bbls.....lb. .25 - —
Muriate, dom.,[6] 60-62-63% K_2O, bulk, ex vessel, ports, unit-ton. .53½- —
Seasonal contract discounts to March 31, 1945, 12%.
granular, 50-52% K_2O..... unit-ton. .53½- —
Russian,[6] offered from consignments afloat, subject to safe arrivals..unit-ton. .53¼- —
Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than ex vessel price, basis
Trona, Cal., 8c. per unit of K_2O less than ex vessel price at Pacific Coast ports.
Nitrate (see Saltpeter).
Oxalate, neutral, pure, gran., bbls., dms..lb. .37 - .50
tech., fine gran., bbls., dms., lb. .28 - .31
Perchlorate,[6] kgs., works....lb. .09½- .11
Permanganate, tech., dms., works..lb. .19¾- .20¼
USP, dms., works.....lb. .20½- .21
Prussiate, red, bbls., dms..lb. .50 - .53
Yellow, bbls.....lb. .16 - .17
Ricinoleate, tech., bbls.....lb. .18 - —
Silicate, alkaline, lumps, bgs., works..lb. .07 - —
glass, bgs., c.l.....ton.290.00 - —
l.c.l. .....100 lbs.15.25 - —
solution 20° Be, ret. drums, c.l., works..100 lbs. 4.25 - —
l.c.l., 5 or more, works.. 100 lbs. 5.00 - —
1-4, works.....100 lbs. 5.50 - —
32° Be, ret. dms., c.l., works, 100 lbs. 4.75 - —
l.c.l., 5 or more, works. 100 lbs. 5.50 - —
1-4, works.....100 lbs. 6.00 - —
40.5° Be, ret. dms., c.l., works..100 lbs. 5.75 - —
l.c.l., 5 or more, works. 100 lbs. 6.50 - —
1-4, works.....100 lbs. 7.00 - —
Sulphate, NF, powd., bbls...lb. .15 - .21
Prices on granular 4c. higher.
tech., dom., bulk,[6] basis 90-95%. K_2SO_4, min., 90% ex vessel, Atl. or Gulf ports.. ton.36.25 - —
Sulphocyanide, NF, dms.....lb. .70 - .78
Xanthate, dms., c.l.....lb. .12 - —
Potash-gold cyanide, 41% gold, bots., works..oz.14.20 -14.95
Potash-magnesia sulphate, bulk,[6] min., 40% K_2SO_4, 18.50% MgO, ex vessel, ports..ton.26.00 - —
Potash-soda ferricyanide, dms., works..lb. .40 - .43
Potash-titanium oxalate, bbls., dms..lb. .45 - .50
Berries, bgs.....lb. .23 - .25
Prickly ash bark, bls.....lb. .40 Nom.
Prince's pine herb, bls.....lb. .45 - .50
Procaine hydrochloride, cns., 25 lbs..lb. 8.00 - —
smaller lots.....lb. 8.25 - 8.75
Propane,[1] industrial grade, tanks, Group 3, gal. .03⅜- —
Propyleneglycol, dms., c.l., frt. alld. in E..lb. .15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .68 - .69
Pumice, grd., fine, bgs., ton lots. lb. .03⅜- —
smaller lots.....lb. .03⅝- .04
coarse, 0½, 1, 1½, 2, 3, bgs., ton lots..lb. .03⅜- —
smaller lots .....lb. .03⅞- .04¼
Chl., ton lots.....lb. .04½- —
Pumice packed in barrels is ½c. per lb higher than the above prices.

Pumpkin seed, bgs.....lb. .38 - .40
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 3.15 - —
linseed oil, raw, dms....100 lbs. 5.00 - —
refined, dms.....100 lbs. 5.50 - —
standard, dms.....100 lbs. 4.20 - —
Pyrethrum,[1,6] concentrate, dewaxed, 20% for aerosol bombs, bbls., works.....lb. 9.25 - 9.50
liquid (20 to 1), basis 2 grams pyrethrins per 100 cc., bbls., works..gal. 7.15 - —
(30 to 1), basis 3 grams pyrethrins per 100 cc., bbls., works..gal.10.65 - —
flowers, coarse-grd., 0.9% pyrethrins, bbls., works..lb. .31½- —
fine-grd., 0.9% pyrethrins, bbls., works..lb. .33¾- —
powder, 0.5% pyrethrins, bbls., works..lb. .25 - —
Pyridin,[6] denaturing, ret. dms., works, frt. equald..gal. 1.55 - 1.60
refd., 2° ret. dms., same basis. lb. .45½- .46
Pyrites, Spanish, c.i.f. Atl. ports. long ton. 8.00 -10.00
Pyrocatechin (see Catechol).
Pyronate, dms., works.....gal. .75 - 1.25
Pyrophyllite, standard, 200 mesh, c.l., pap. bgs., mines..ton.10.00 - —
325 mesh, same basis....ton.13.00 - —
No. 5, 200 mesh, c.l., mines.ton. 8.00 - —
325 mesh, same basis.....ton.11.00 - —
Pyroxylin scrap, opaque, amber, c.s., works..lb. .17 - —
black, cs., works.....lb. .17 - —
China, white, ivory, cs., works..lb. .17 - —
dense, white, cs., works..lb. .17 - —
gray, cs., works.....lb. .17 - —
mixed, mottles, cs., works. lb. .14 - —

Pyroxylin scrap, translucent pastels, cs., works..lb. .17 - —
transparent, cs., works...lb. .19 - —
colors, cs., works.....lb. .17 - —
shavings, amber, cs., works..lb. .17 - —
mixed colors, cs., works...lb. .14 - —
white, cs., works.....lb. .17 - —

Q

Quassia chips, bls.....lb. .10 - .15
Quebracho extract,[6] solid, 63%, bgs., c.l., ex dock, in bond, based on ocean freight, $12; insurance $1 per ton. Any difference for buyers account. Current freight $21.60; WSA insurance, $3.75 per ton..lb. .04⅞- .05¼
clarified, 64%, bgs., c.l., same basis..lb. .05⅝- .05⅞
dissolved, 35% tan., bbls., works..lb. .04125- .0550
tanks, works.....lb. .03625- .0450
ground, bgs., c.l.....lb. .08 - .09
...c.l., bgs.....lb. .0825- .0950
Queen of the meadow root, bgs. lb .11 - .13
Quercitron, crystals, bbls.....lb. .26 - —
extract, bbls., No. 1.....lb. .10 - —
No. 2.....lb. .09½- —
No. 3.....lb. .09 - —
solid, bxs.....lb. .18½- —
Quicksilver,[1] flasks (76 lbs. net)..flask.105.00 -110.00
Quince seed, bgs.....lb. 1.30 - 1.75
Quinidine,[6] NF V, cryst., cns.oz. 1.08 + .13⅛*
powd., precip., cns.....oz. 1.01 + .13⅛
Sulphate, USP, cns.....oz. .71 + .13⅛

* Surcharge of 13½c. per oz.; see note under Quinine.

Quinine,[6] NF, cns., 100 ozs...oz. .84 + .13⅛*
Acetate, cns., 100 ozs.....oz. 1.05 + .13⅛
Arsenate, cns., 100 ozs.....oz. 1.05 + .13⅛
Arsenite, cns., 100 ozs..... 1.07 + .13⅛
Quinine bisulphite, USP, cns., 100 ozs..oz. .69 + .13⅛
Citrate, cns., 100 ozs.....oz. .78 + .13⅛
Dihydrobromide, bots., 50 ozs. oz. .86 + .13⅛
Ethylcarbonate, USP, cns., 100 ozs..oz. 1.25 + .13⅛
Ferrocyanide, cns., 100 ozs..oz. 1.07 + .13⅛
Formate, cns., 100 ozs.....oz. 1.00 + .13⅛
Glycerophosphate, cns., 100 ozs. oz. 1.20 + .13⅛
Hydrochloride, USP, cns., 100 ozs oz. .76 + .13⅛
Hydrochlorosulphate, cns., 100 ozs..oz. .81 + .13⅛
Hydroiodide, cns., 100 ozs..oz. 1.05 + .13⅛
Hyposulphite, cns., 100 ozs..oz. 1.07 + .13⅛
Phosphate, NF, cns., 100 ozs., oz. .90 + .13½
Salicylate, NF, cns., 100 ozs.oz. .79 + .13½
Sulphate, USP, cns., 100 ozs.oz. .67 + .13⅛
Sulphocarbolate, cns., 100 ozs. oz. 1.05 + .13½
Tannate, USP X, cns., 100 ozs. oz. .63 + .13½
Tartrate, cns., 100 ozs.....oz. 1.03 + .13⅛
Valerate, NF IV, 100 ozs...oz. .99 + .13½

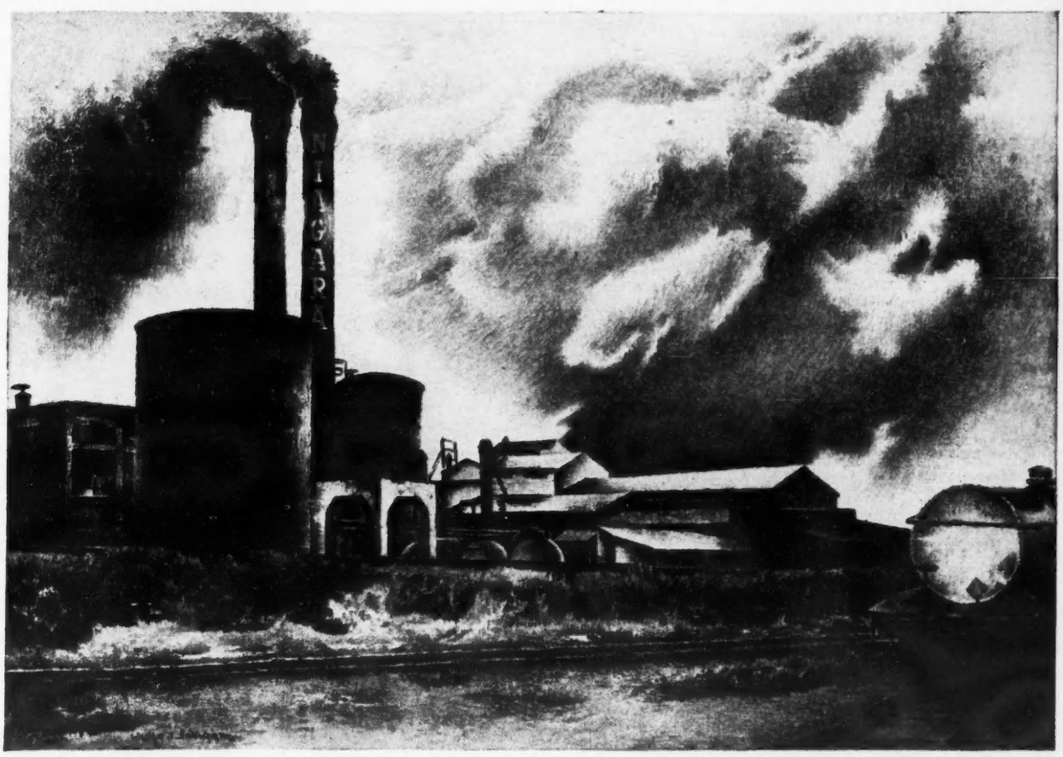
* Surcharge to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Change in these controlling factors will be reflected in the surcharge invoiced.

Quinine-urea hydrochloride,[6] USP, cns..oz. .81 + .13½*
Surcharge: See note under Quinine.
Quinoline, dms., c.l., works...lb. .24½- .50

R

R salt, dry, bbls.....lb. .65 - —
paste, dms.....lb. .52 - —
Raspberries, dried, bls.....lb. .95 - 1.00

Here at Niagara...



Covering an area of nearly thirty acres, Niagara Alkali Company's plant at Niagara Falls, N. Y., is one of the most modern and efficient of its kind in the world

...WE ARE naturally proud of our more than forty years of pioneering in the field of electro-chemical products. But we feel that the present and future are infinitely more important. Today we are operating with new and expanded facilities to meet the unprecedented demands of war. Tomorrow we will be prepared to use these new facilities and new war-born experience to give even more efficient service to industry.

Niagara ALKALI COMPANY

60 EAST 42nd STREET, NEW YORK 17, N. Y.

CAUSTIC POTASH · CAUSTIC SODA · PARADICHLOROBENZENE · CARBONATE OF POTASH · LIQUID CHLORINE

Red, alizarin lake,[3] bbls., dlvd. N. of Tenn. and N.C., E. of Miss R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90

Prices ½c. per lb. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. per lb. higher dlvd. Pacific Coast prices equaled with Chicago dlvd. Denver, Pueblo, Salt Lake City, Wichita.

Cadmium, lithopone, deep shade, bbls., E. Rockies..lb. 1.00 - —
light shade, bbls., same basis..lb. .85 - —
medium shades, bbls., same basis..lb. .80 - —
Red cadmium lithopone, all shades, in smaller pkgs., 5c. per lb. higher.
Selenide, dark, bbls., works.. lb. 2.50 - —
light, same basis.....lb. 2.20 - —
orange, bbls., 100-lb. lots, works..lb. 1.50 - —

Carmine, 40, dms., 100 lb. lots, works..lb. 4.60 - —
smaller lots, same basis..lb. 4.75 - 5.25

Crocus Martis (see Red, purple oxide).
Dyes (see Dyes, red).

Eosin toner, bbls., works....lb. 1.35 - —

Firetoner, dom., bbls., works.lb. .85 - —

Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .09¼- —
Indian, 80-85%, bbls., same basis..lb. .09¾- —
imp., English, all shades..lb. .12 - —
Iron oxide, pure, bbls., c.l., l.c.l., bbls.....lb. .09¾- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Pa.; Copley, O.; Easton, Pa., and E. St. Louis..lb. .08¾- —
80% copperas oxide, bbls., same basis..lb. .08½- .096

Lacquer, maroon, bbls., works. lb. 1.25 - —

Lake C toner, alizarin, bbls., works..lb. .90 - —

Litho toner, alizarin, lake, bbls., works..lb. .60 - —
Pink, bbls., works.....lb. .20 - .25
Rose lake, bbls., works....lb. .25 - .28

Lithol - rubin toner, alizarin lake, bbls., works..lb. 1.10 - —

Maroon, alizarin lake, 25%, kgs., works..lb. .40 - —
Cadmium, bbls., works.....lb. 1.10 - —
deep, bbls., same basis..lb. 1.20 - —
Maroon, in smaller pkgs., 5c. per lb. higher.

Mercury oxide,[2] tech., bbls., 10,000 lbs., works..lb. 2.00 - —
smaller lots.....lb. 2.02 - —
Metallic, bbls., Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide (see Red, iron oxide).
Para[3] toner, concent., alizarin lake, kgs., works..lb. .70 - —
Phloxin toner (see Red, Eosin toner).
Phosphotungstic rhodamine, Y, kgs., works..lb. 4.15 - —
Purple, lake, kgs.....lb. 1.00 - —
Scarlet ink toner, kgs., works. lb. .55 - —
lake, alizarin, kgs., works, lb. .35 - —
Spanish oxide, grade 1, c.l., bbls..lb. .04¾- .07¾
Toluidin toner, alizarin lake, kgs., works..lb. 1.05 - —
M.N.P.T. maroon toner, kgs., works..lb. 3.25 - —
Turkey, bbls., works.....lb. .14½- —
Tuscan, bbls., E. St. L.....lb. .11 - —
Venetian, 5%, bbls., works..lb. 0220- —
10%, bbls., works.....lb. 0245- —
15%, bbls., works.....lb. 0265- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls.....lb. .25 - .40
Quicksilver, bbls.....lb. 2.25 - 2.35

Red precipitate,[2] NF, powd., fib. drms..lb. 2.17 - 2.19
Red saunders wood, grd., bbls. lb. .35 - —
Resorcinol, tech., drms., frt. alld. E. of Miss..lb. .68 - .75
USP, cryst., drms., 100 lbs., frt. alld. E. of Miss..lb. 1.80 - —
Rhatany root, bgs.....lb. .11 - .12
Rhubarb, whole, cs.....lb. .85 - 2.50
powd., bbls.....lb. .95 - 2.60
Riboflavin, bots., 100 grams..kilo. 230.00 - —
Rice bran concentrate, drms., Cedartown, Ga., or Emeryville, Calif., seller's option. lb. .79 - —
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't..lb. .43½- —
smaller lots.....lb. .44 - .47
Rochelle salt, powd., bbls., 5,000 lbs., 1 ship't..lb. .42½- —
smaller lots.....lb. .43 - .46
Rose flowers, pale, bls.....lb. .45 - .50
Rosemary flowers, bls.....lb. 1.55 - 1.60
Leaves, Portuguese, bls.....lb. .09 - .09½
Spanish, bls.....lb. .13½- .14
Rosin, gum:—
B, drms., c.l.....100 lbs. 5.37 - —
D, drms., c.l.....100 lbs. 5.47 - —
E, drms., c.l.....100 lbs. 6.09 - —
F, drms., c.l.....100 lbs. 6.13 - —
G, drms., c.l.....100 lbs. 6.19 - —
H, drms., c.l.....100 lbs. 6.23 - —
I, drms., c.l.....100 lbs. 6.23 - —
K, drms., c.l.....100 lbs. 6.23 - —
M, drms., c.l.....100 lbs. 6.23 - —
N, drms., c.l.....100 lbs. 6.40 - —
W.G., drms., c.l.....100 lbs. 6.45 - —
W.W., drms., c.l.....100 lbs. 6.74 - —
X, drms., c.l.....100 lbs. 6.74 - —
Wood, F.F., drms., c.l...100 lbs. 3.78 - 3.98
Rotenone,[1,6] CP, bbls., works, lb.10.90 - —
extract, liq., drms., works..... per unit. 1.05 - —
powder (see Cube root).
Rottenstone, bgs., c.l., mines..ton. 25.50 - —
l.c.l., same basis.....ton. 37.50 - —
Rue, bls.....lb. .75 - .80

S

Sabadilla seed, powd., bbls....lb. .30 - .32
Saccharin,[1] soda (soluble), drms., makers, primary distrib., 1,000 lbs. up..lb. 1.30 - 1.35
smaller lots, same basis..lb. 1.40 - 1.60
Saffron, Mexican, bls.....lb. .70 - .75
Spanish, tins.....lb. 45.00 Nom
Safrol cns.....lb. 1.35 - 1.50
Sage,[1] Calif., Dalmatian type, choice, bgs., f.o.b. Coast..lb. .80 - .81
leucophylla, July-Aug., bgs., Pacific Coast..lb. .55 - .56
Cyprus, good, bls.....lb. .21 - .21½
fair, bls.....lb. .17½- .18
Spanish, bls.....lb. .20 - .20½
Sago flour, bgs.....lb. .05 - .05¾
Salicin, bots., 5 lbs.....lb. No stocks
cns., 25 lbs.....lb. No stocks
Salol, gran., bbls., kgs.....lb. .90 - —
fib. drms.....lb. .92 - .93
powder, 10c. per lb. higher.
Salt rock, bgs., c.l.....ton. 14.20 - —
l.c.l., bgs.....ton. 17.00 - 18.00
vacuum, common, fine, bgs., c.l..ton. 15.70 - —
l.c.l.....ton. 19.40 - 23.20
Saltcake, dom., bulk, works..ton. 15.00 - —
Chrome (see Chrome cake).
Saltpeter, dbl. ref., gran., bbls., 10 tons..100 lbs. 8.20 - —
smaller lots.....100 lbs. 8.35 - 8.60
powd., bbls., 10-20 tons.... 100 lbs. 9.20 - —
smaller lots.....100 lbs. 9.35 - 9.60
Sanguinarine nitrate, bots....oz. 3.75 - —
Santonin, cryst., cns.....kilo. 200.00 - 210.00
Saponin, No. 1, cns.....lb. 1.75 - 1.90
No. 2, cns.....lb. 1.40 - —
Sarsaparilla root, Amer., bls..lb. .35 - .37
Honduras, bls.....lb. .45 - .50
Mexican, bls.....lb. .18½- .19
Sassafras bark, ord., bls.....lb. .38 - .40
select, bls.....lb. .65 - .70
Savory, Spanish, bls.....lb. .33 - .34
Saw palmetto berries, bgs.....lb. .20 - .25
Scammony resin, lump, cns.. lb. 1.30 - —
powd., cns.....lb. 1.35 - —
Root, bgs.....lb. .08 - .10
Schaeffer's salt, bgs.....lb. .46 - —
Scullcap, Eastern, bls.....lb. No stocks

Seidlitz mixture, bbls., 5,000 lbs., 1 shipment..lb. .33¾- —
smaller lots.....lb. .34½- —
kegs, 5,000 lbs., 1 shipm't..lb. .34½- —
smaller lots.....lb. .34 - —
Selenium, pwd., cs., 1,000 lbs..lb. 1.75 - —
cns., 10 lbs.....lb. 1.85 - —
Senega root, spot, lbs.....lb. .90 - .95
Senna, Alex., half leaf, bls...lb. .22 - .23
siftings, bgs.....lb. .22 - .24
Tinnevelly, No. 1, bls.....lb. .16 - .16½
2, bls.....lb. .11½- .12
3, bls.....lb. .10 - .10½
powd., bbls., bgs.....lb. .15 - .17
Pods, bls.....lb. .13 - .16
Serpentaria root, bls.....lb. .85 - .90
Sesame seed,[1] Chinese, hulled, bgs..lb. .13½- .14
Indian, hulled, recleaned, bgs. lb. No stocks
natural, bgs.....lb. .11 Nom.
Shellac,[1] bonedry, bbls., 1,500 lbs..lb. .42½- —
Boston.....lb. .43½- —
Chicago.....lb. .44 - —
Pacific coast.....lb. .46 - —
refined, bbls., 1,500 lbs....lb. .48½- —
Boston.....lb. .49½- —
Chicago.....lb. .50 - —
Pacific coast.....lb. .52 - —
Bonedry shellac, sales of less than 1,500 lbs., at following additions to maximum prices:—(1) packed in bgs., ¾c. per lb., (2), bbls., 1c. more; (3), kgs., 3c. more.
D.C., V.S.O., Diamond I, bgs., lots of 100..lb. .4660- —
Garnet, bgs., lots of 100.....lb. .3890- —
Superfine, bgs., Boston, N. Y., lots of 100..lb. .3660- —
Chicago, lots of 100.....lb. .3710- —
Pacific coast, lots of 100...lb. .3960- —
TN, bgs., Boston, N. Y., lots of 100...lb. .3550- —
Chicago, lots of 100.....lb. .3600- —
Pacific coast, lots of 100...lb. .3805- —
Shellac in cs., 2c. higher. Shellac sales, 1 bg. or 1 cs., 5c. additional; 1 to 9 bgs. or cs., 2c. more; 10 to 99 bgs., cs., 1c. more.
Silica, amorph., dry-grd., 325 mesh, bgs., c.l., Ill., works. ton. 17.00 - —
l.c.l., same basis....ton. 20.00 - —
400 mesh, bgs., c.l., same basis..ton. 18.00 - —
l.c.l., same basis....ton. 19.00 - 20.00
wet-grd., 325 mesh, bgs., c.l., same basis..ton. 18.00 - —
l.c.l., same basis....ton. 21.00 - —
400 mesh, bgs., c.l., same basis..ton. 30.60 - —
l.c.l., same basis....ton. 35.00 - 38.00
96-98%, 325 mesh, bgs., c.l., same basis..ton. 20.00 - —
l.c.l., same basis....ton. 21.50 - 23.00
99%, 325 mesh, bgs., c.l., same basis..ton. 20.00 - —
l.c.l., same basis....ton. 22.00 - 25.00
hard-quartz, 99½%, 325 mesh, bgs., c.l., same basis....ton. 15.50 - —
l.c.l., same basis....ton. 18.50 - —
140 mesh, bgs., c.l., same basis..ton. 11.00 - —
l.c.l., same basis....ton. 16.00 - —
Silicon tetrachloride, tech., 55-gal. drms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .18½- —
10 gals., works.....lb. .27 - —
Silver bullion.....oz. .44¾- —
govt. purchase, dom.....oz. .7111- —
govt. purchase,[1] foreign...oz. .44¾- —
Cyanide, cns., 100 ozs.....oz. .41½- —
Nitrate, 100-oz. bots.....oz. .32¾- —
Nucleinate, bots., drms.....oz. .308 - .358
Proteinate, bots., drms.....oz. .288 - .338
Simarubra bark, bls.....lb. .52 - .55
Skunk cabbage root, bls.....lb. No stocks
Slate flour, bgs., c.l., works..ton. 11.00 - 12.00
l.c.l., works.....ton. 12.00 - 13.00
Sloe berries, bgs.....lb. .70 - .75
Smalt, black, ctns.....lb. .06 - .08
Blue, ctns.....lb. .07 - .08¼
Snakeroot, Canada, bls.....lb. .40 - .42
Soapbark, bls.....lb. .11¾- .12¼
crushed, bls., bbls.....lb. .13 - .14
cut, dom., bls., bbls.....lb. .16 - .19
imp., bbls.....lb. .18 - .19
powd., bbls.....lb. .1" - .18
Soda acetate, anhyd., drms., dlvd. lb. .08½- .10
gran., powd., 60%, bbls., c.l., dlvd..lb. .05 - —
l.c.l., dlvd.....lb. .06½- .08
NF, bbls., dlvd.....lb. .09½- .10

Soda alginate, refined, water-soluble, bbls., works..lb. .79 - —
semi-refined, bbls., works..lb. .42 - —
white, powd., drms.....lb. 1.50 - 1.80
Aluminate,[6] for water treat., bgs., c.l., works..100 lbs. 7.50 - —
l.c.l., works.....100 lbs. 8.40 - —
other uses, bgs., c.l., works. 100 lbs. 7.00 - —
l.c.l.....100 lbs. 7.50 - 8.00
Antimoniate, bbls., dlvd.....lb. .15 - .15½
Arsenate,[6] drms., dealers, c.l., works..lb. .09½- —
l.c.l., same basis.....lb. .10¾- .11¼
Arsenite,[6] gray, drms., dealers, c.l., works..lb. .08¼- —
l.c.l., works.....lb. .09 - .10
Soda arsenite, gray, ¾c. higher in Chi.; 2c. higher in Houston, Tex., and Palo Alto, Calif.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.13 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.18 - —
2.....100 lbs. 2.33 - —
3.....100 lbs. 2.58 - —
4.....100 lbs. 2.98 - —
bbls., c.l., works..100 lbs. 1.35 - —
2.....100 lbs. 2.50 - —
3.....100 lbs. 2.75 - —
4.....100 lbs. 3.15 - —
bulk, c.l., works....100 lbs. .95 - —
extra light, 58%, bgs., c.l.... 100 lbs. 1.13 - —
l.c.l., dlvd. zone 1..... 100 lbs. 2.13 - —
2.....100 lbs. 2.28 - —
3.....100 lbs. 2.53 - —
4.....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.45 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.45 - —
2.....100 lbs. 2.60 - —
3.....100 lbs. 2.85 - —
4.....100 lbs. 3.25 - —
bulk, c.....100 lbs. .90 - —
light, 58%, bgs., c.l., works. 100 lbs. 1.05 - 1.13
l.c.l., dlvd., zone 1..... 100 lbs. 2.13 - —
2.....100 lbs. 2.28 - —
3.....100 lbs. 2.53 - —
4.....100 lbs. 2.93 - —
bbls., c.l., works...100 lbs. 1.35 - —
bbls., l.c.l., dlvd. zone 1... 100 lbs. 2.35 - —
2.....100 lbs. 2.50 - —
3.....100 lbs. 2.75 - —
4.....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —
Soda ash sales zones are:—(1) All States E. of Miss R. and N. of south. bound. of Ky. and Va.; also Ala., La., and Miss., S. of 31°, Tex. E. of 100°, S. of 31°, Fla.; also Mo., N. H., and Vt., in which there are special county zones; Davenport, Ia., and St. Louis; (2) Ark., E. of 93°, Ga., Iowa (except Davenport), Minn., Mo. (except St. Louis), Neb. E. of 98°, N. C., S. C., Tenn. and Tex. N. of 31° and E. of 100° (except Wichita Falls); also Ala., La., and Miss. N. of 31°; (3) Ark. W. of 93°, Kans., Neb., W. of 98°, N. D., Okla., S. D., Tex. W. of 100° (including Wichita Falls (excluding El Paso); (4) Ariz., Colo., Idaho, Mont., Nev., N. M., Utah, Wyo., and El Paso, Tex.

Benzoate, tech., bbls., 2 tons or more..lb. .39 - —
smaller lots.....lb. .40 - .43
USP, dms., 2 tons or more..lb. .46 - —
smaller lots.....lb. .47 - .52
Bicarbonate, tech., bbls., c.l., works..100 lbs. 1.70 - —
l.c.l.....100 lbs. 2.05 - —
bgs., c.l., works...100 lbs. 1.55 - —
l.c.l.....100 lbs. 1.90
USP, gran., bbls., c.l., works, 100 lbs. 2.25 - —
l.c.l.....100 lbs. 2.60 - —
powd., bbls., c.l., works.... 100 lbs. 1.85 - —
l.c.l.....100 lbs. 2.51 - —
kgs., c.l., works....100 lbs. 2.10 - —
l.c.l.....100 lbs. 2.76 - —
Bichromate,[6] bbls., cks., c.l., works..lb. .07¾- —
l.c.l., works.....lb. .07¾- .07¾
Soda bichromate in bgs., ¾c. less.
Bifluoride, bbls., c.l., frt. alld. E..lb. .11½- —
l.c.l., same basis.....lb. .12 - .14
kgs., l.c.l., same basis.....lb. .12½- .14
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32°, bbls., c.l., works. 100 lbs. 1.30 - —
l.c.l., works.....100 lbs. 1.55 - —
30°, bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., works.....100 lbs. 1.30 - —
35°, bbls., c.l., wks..100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - —
44°, bbls., works.....100 lbs. 1.55 - —
l.c.l., works.....100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs., works..lb. .27 - .30
fiber drms., works, 100 lbs. lb. .28 - .31
Cacodylate, 5-lb. bots., works. lb. 17.00 - —
Carbonate (see Soda ash, soda monohydrated, soda sal).
Caustic, flake, powd., 76%, drms., c.l., works..100 lbs. 3.70 - —
l.c.l., zone 1, dlvd..... 100 lbs. 3.55 - —
2, dlvd.....100 lbs. 3.70 - 5.05
3, dlvd.....100 lbs. 3.95 - 5.30
4, dlvd.....100 lbs. 4.35 - 5.70
liquid, 47-49%, buyers' tanks, works..100 lbs. 1.92½- —
sellers' tanks, works.... 100 lbs. 1.95 - —
70%, buyers' tanks, works. 100 lbs. 1.97½- —
sellers' tanks, works... 100 lbs. 2.00 - —
solid, 76%, drms., c.l., works, 100 lbs. 2.30 - —
l.c.l., zone 1, dlvd.... 100 lbs. 3.15 - —
2, dlvd.....100 lbs. 3.30 - —
3, dlvd.....100 lbs. 3.55 - —
Caustic soda zones are same as soda ash.
Chloride (see Salt).
Chlorate,[6] cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Chromate,[2,5] bbls., cks., c.l., works, frt. equald..lb. .08¾- —
l.c.l., works, frt. equald..lb. .08¾- .09½
Soda chromate in bgs. is ½c. lower.
Citrate, USP VIII, bbls.....lb. .18½- —
drms.....lb. .19½- .23½
USP XII, gran., bbls.....lb. .24 - —
drms.....lb. .25 - .29
powd., bbls.....lb. .24½- —
drms.....lb. .25½- .29½
Cyanide,[6] 96-98%, drms.....lb. .14½- .15
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09¼- .10½
anhyd., drms., dlvd.....lb. .12½- —

Drymet
Reg. U. S. Pat. Off.
Anhydrous Sodium Metasilicate. Cowles DRYMET is the most highly concentrated, most economical form of sodium metasilicate available. DRYMET contains no water. Yields nearly twice the chemical strength of hydrated sodium metasilicate at a substantial saving. Completely soluble, non-caking, easy to handle.

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Make Cowles Your Source of SILICATE!

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Technically Anhydrous Sodium Orthosilicate. Cowles DRYORTH is a high pH detergent silicate with valuable peptizing, emulsifying, dirt-suspending power. Recommended for heavy duty detergency requiring high Na_2O value.

BUY MORE WAR BONDS

7016 Euclid Avenue THE COWLES DETERGENT CO. Cleveland 3, Ohio

Soda fluoride, white, 90%, bbls., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
95%, bbls., c.l., works..lb. .07¼- —
l.c.l., works.....lb. .08¼- —
Soda fluoride prices at Los Angeles are f.a.s. works.
Glutamate, monobasic, kgs..lb. 1.04 - 1.06
Glycerophosphate, NF, cryst., bbls., 1,000 lbs..lb. 1.25 - —
dms.....lb. 1.40 - —
powdered, 5c. higher.
solution, 50%, cbys., cns...lb. .82 - .90
Hydrosulphite, dms., frt. alld. lb. .17 - .18
Hydroxide, USP, sticks, dms.lb. .24 - .26
Hypophosphite, NF, cns.....lb. .67 - .70
Hyposulphite, cryst., bgs., c.l., works, frt. equald..100 lbs. 2.25 - —
l.c.l., same basis.100 lbs. 2.50 - —
pea, bgs., c.l., works..100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.75 - 3.95
Soda hyposulphite in bbls., 20c. higher; in dms., 50c. higher.
Iodate, dms., jars.....lb. 5.40 - 5.45
Iodide, bots.....lb. 2.53 - 2.57
dms., jars.....lb. 2.42 - —
Mandelate, dms.....lb. 3.25 - 3.35
Metaphosphate, bgs.....lb. .40 - —
Metasilicate,[6] anhyd., dms., c.l., works, frt. equald..100 lbs. 4.00 - —
l.c.l., same basis...100 lbs. 4.90 - 5.30
gran., bbls., c.l., works, frt. equald..lb. 2.50 - —
l.c.l., dlvd.....100 lbs. 3.30 - 3.55
Molybdate,[6] anhyd., kgs., works. lb. .47 - —
Monohydrated, bbls.....100 lbs. 3.00 - —
works .....100 lbs. 2.55 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate,[6] crude, dom., 100-lb. bgs., c.l., works..ton.30.05 - —
bulk, same basis.....ton.27.00 - —
imp., 100-lb. bgs., c.l., Atl., Gulf, Pac., whse..ton.33.00 - —
200-lb. bgs., same basis.. ton.32.40 - —
bulk, same basis.....ton.30.00 - —
refd., gran., bbls., 10 tons. 100 lbs. 3.60 - —
smaller lots.....100 lbs. 3.75 - 4.00
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equald..lb. .06¾- —
West Coast ports.100 lbs. 8.00 - 8.55
l.c.l., dlvd.....100 lbs. 8.90 -11.90
Orthosilicate, anhyd., dms., c.l., works, frt. equald..lb. 4.50 - —
l.c.l., same basis..100 lbs. 5.45 - 5.85
flake, dms., c.l., wks..100 lbs. 3.15 - —
l.c.l., dlvd.....100 lbs. 4.30 - 4.55
Oxalate, neut., bbls.....lb. .10 - .11
Pentachlorophenate, briquets, bgs., works, frt. equald..lb. .17 - .18
powd., bgs., c.l., works, frt. equald..lb. .16 - .16¼
l.c.l., works, frt. equald.lb. .17 - —
kgs., works, frt. equald..lb. .19 - —
lb. .19 - —
Pantothenate, dext., 100-gram bots..per gram. .10 - —
Perborate,[6] NF, bbls., c.l., works..lb. .14¾- —
l.c.l.. works.....lb. .15¼- —
Peroxide,[6] dms., c.l., dlvd. E. of Miss..lb. .14 - —
smaller lots.....lb. .17 - —
Phosphate,[6] dibasic, tech., anhyd., bgs., c.l., works..... 100 lbs. 6.00 - 6.25
l.c.l., works....100 lbs. 6.50 - 7.25
cryst., bgs., c.l., works.. 100 lbs. 2.55 - 2.70
l.c.l., works.....lb. 2.95 - 3.45
USP XII, gran., bbls., dms., works..lb. .10 - —
dried, bbls., dms., works. lb. .16 - —
monobasic, anhydrous, bgs., c.l., works..100 lbs. 7.25 - 8.25
l.c.l.. works.....100 lbs. 8.00 - 9.00
tribasic,[6] anhydrous, bgs., c.l., works, frt. equald..100 lbs. 6.00 - —
l.c.l., same basis..100 lbs. 6.50 - —
cryst., bgs., c.l., same basis. 100 lbs. 2.70 - —
l.c.l., same basis..100 lbs. 3.40 - —
kgs., c.l., works..100 lbs. 3.40 - —
l.c.l., works.....100 lbs. 4.15 - —
USP (see Sodium phosphate, dibasic).
Soda phosphate in bbls. is 20c. higher.
Prussiate, yellow, bgs., contracts, works..lb. .09¾- .10¼
spot .....lb. .10¾- —
bbls., contract, works....lb. .10 - .10¼
spot .....lb. .11 - —
Pyrophosphate,[6] anhyd., bgs., c.l., works, frt. equald..... 100 lbs. 5.25 - 6.10
l.c.l., same basis...100 lbs. 5.40 - 6.60
bbls., c.l., wks., frt. equald. 100 lbs. 5.45 - 6.30
l.c.l., same basis...100 lbs. 5.60 - 6.60
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs.....100 lbs. 1.35 - —
works .....100 lbs. 1.10 - —
bbls. .....100 lbs. 1.40 - —
works .....100 lbs. 1.20 - —
Salicylate, dms.....lb. .52 - .56
Sesquicarbonate, bgs., c.l., works, 100 lbs. 1.50 - —
bbls., c.l., works.....100 lbs. 1.70 - —
l.c.l., zone 1, dlvd...100 lbs. 2.70 - —
2, dlvd.....100 lbs. 2.85 - —
3, dlvd.....100 lbs. 3.10 - —
4, dlvd.....100 lbs. 3.50 - —
Soda sesquicarbonate l.c.l. price zones are same as those for soda ash.
Sesquisilicate, dms., c.l., works. 100 lbs. 3.95 - —
l.c.l., dlvd.....100 lbs. 4.05 - 4.30
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., works.....100 lbs. 1.05 - 1.20
tanks, works.....ton.13.00 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - 1.80
tanks, works.....ton.25.00 - —
Silicofluoride,[6] bbls., c.l., works. lb. .06½- .07
l.c.l., same basis.....lb. .08 - .12
Stannate, dms., works, frt. alld. E..lb. .32½- .36½
Stearate, bbls., works.....lb. .19 - .24
Sulphate, NF, dried, powd., bbls..lb. .07 - .07½
tech., anhyd., bgs., bbls., c.l., works..100 lbs. 1.70 - 1.90
5 tons or more, works. 100 lbs. 1.95 - 2.15
less than 5 tons, works. 100 lbs. 2.20 - 2.40
cryst. (see Glauber's salt).
USP, cryst., gran., bbls..lb. .07 - .10
Sulphathiazole, monohydrate, dms., 1,000-lb. lots..lb. 2.50 - —
500-lb. lots.....lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.80
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., dlvd.....100 lbs. 2.90 - 3.15
solid, bbls., c.l., works.100 lbs. 3.15 - —
l.c.l., dlvd.....100 lbs. 3.65 - 3.90
Sulphite, bgs., c.l., works....lb. 2.10 - —
l.c.l., works.....lb. 2.35 - —
bbls., c.l., works.....lb. 2.30 - —
l.c.l., works.....lb. 2.55 - —
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l. .....100 lbs. 5.50 - 6.00
Sulphocarbolate, USP IX, gran., bbls., dms..lb. .28 - .32
powd., bbls.....lb. .30 - .35

Soda sulphocyanide, CP, dms..lb. .55 - .65
Sulphohydrate, liquid, 38%, basis 100%, dms., c.l., works..lb. .05½- —
l.c.l., works.....lb. .06 - .08
tanks, works.....lb. .04½- —
flake, 70-72%, dms., c.l., works..lb. .04½- —
l.c.l., works.....lb. .05 - —
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see Soda hyposulphite).
Tungstate,[6] tech., kgs.....lb. 1.35 - 1.50
Soda-formaldehyde sulphoxylate, stand cont. (125-250 lbs.)..lb. .19 - .22
Solvent naphtha,[4] dms., wks.gal. .31 - .32
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .27 - —
Minnequa, Colo.....gal. .27 - —
high-flash, dms., works...gal. .32 - —
tanks, frt. alld. E. of Omaha. to 2c. per gal..gal. .27 - —
Sorbitol,[6] com'l, dms., works..lb. .17¾- —
Soybean meal,[1] 41%, Decatur, bulk, c.l..ton.45.00 - —
Protein, alpha, bgs., 40,000-60,000 lbs., works..lb. .19 - —
100-40,000 lbs., works...lb. .19¼- .19½
less than 100 lbs., works. lb. .23 - —
Sparteine sulphate, bots., cns..oz. 1.80 - 1.90
Spearmint leaves, bls.....lb. .45 - .47
Spikenard root, bls.....lb. .35 - .37
Spruce extract, liq., reg., bbls., c.l., works..lb. .02¼- —
tanks, works.....lb. .01½- —
pwd., super. bxs., c.l., wks.lb. .04½- —
Squawvine, bls.....lb. No prices
Squill, red, powd.....lb. .85 - .88
White, bls.....lb. .14 - .16
powd., bbls., bxs.....lb. .18 - .19
St. Ignatius beans, bgs.....lb. No stocks
St. John's bread, edible, bls...lb. .15 - .16
Starch, corn, pearl, bgs.100 lbs. 4.08 - —
Chicago .....100 lbs. 3.72 - —

Starch, corn, powd., bgs..100 lbs. 4.19 - —
Chicago .....100 lbs. 3.83 - —
Potato, bgs., c.l.....lb. .0637- —
l.c.l. .....lb. .0712- —
Rice, bgs., c.l.....lb. No stocks
Sweetpotato, bgs.....lb. No stocks
Wheat, thick boll, bgs.....lb. .03 - —
Starch iodide, bots.....lb. 1.87 - —
Stearin, oleo (see Oleostearin).
Stillingia root, bls.....lb. No stocks
Stoneroot, bls.....lb. .07½- .08
Storax, cs.....lb. 1.25 - 1.50
Stramonium leaves, bgs.....lb. .22 - .23
Seed, bgs.....lb. .20 - .21
Strontium bromide, cns., dms..lb. .53 - .55
Carbonate, 90%, bbls.....lb. .14 - .16
98%, bbls.....lb. .23 - .25
Chloride, tech., bbls.....lb. .22 - .24
Chromate, bbls., kgs., Phila..lb. .35 - .37
Iodide, bots.....lb. 3.00 - 3.15
jars, 25 lbs.....lb. 3.00 - —
Lactate, dms.....lb. 1.30 - 1.35
Nitrate, bbls., c.l., works....lb. .07¾- —
l.c.l., works.....lb. .08¼- .08¾
Oxalate, bbls.....lb. .37¼- —
Salicylate, NF, dms.....lb. 1.10 - 1.13
Sulphate, nat., 92% min., air-floated, 300 mesh, c.l., works..ton.52.00 - —
l.c.l., works.....ton.34.00 - —
Strontium-calcium sulphide, phosphorescent, dms., works..lb. 2.50 - 2.85
Strophanthin, bots.....oz.30.00 -57.00
Strophanthus seed, Komba, bgs. lb. 2.65 - 2.70
Styrolyl acetate, bots.....lb. 2.50 - 3.10
Strychnine, NF, cryst., cns., 100 oz..oz. .70 - —
powd., cns., 100 ozs.....oz. .60 - —
Acetate, cns., 100 ozs.....oz. .88 - —
Arsenate, cns., 100 ozs.....oz. .91 - —
Arsenite, cns., 100 ozs.....oz. .88 - —
Glycerophosphate, cns., 100 ozs. oz. .89 - —
Hydrochloride, cns., 100 ozs..oz. .88 - —

Strychnine hypophosphite, 25-oz. cns., 100 ozs..oz. 1.00 - —
Nitrate, NF, 100 ozs.....oz. .82 - —
Phosphate, NF, 100 ozs.....oz. .89 - —
Sulphate, cryst., cns., 100 ozs. oz. .58 - —
powd., cns., 100 ozs.....oz. .48 - —
Sucrose octa-acetate, denat., bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works..lb. .40 - —
Sugar coloring (see Caramel coloring).
Sugar of milk (see Milk sugar).
Sulphadiazin, 100-lb. dms.....lb. 9.00 - —
Sulphaguanidin, 100-lb. dms...lb. 5.50 - —
Sulphanilamide, bots.....lb. 1.35 - —
fib. dms.....lb. .90 - 1.00
Sulphapyridin, powd., bots., tins. lb. 5.00 - 5.30
Sulphathiazole, dms., 1,000-lb. lots..lb. 2.50 - —
500-lb. lots.....lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.80
Sesquihydrate, prices same as sulphathiazole.
Sulphonethylmethane, kgs.....lb. 6.75 - 6.85
Sulphonmethane, kgs.....lb. 5.25 - 5.35
Sulphur, crude, c.l., bulk, mines, contracts..long ton.16.00 - —
f.o.b. vessels, Gulf ports, contract..long ton.17.50 - —
flour, comm'l, 99½%, bgs., c.l., works..100 lbs. 1.65 - —
l.c.l., works.....100 lbs. 2.00 - 2.15
precipitated, USP, bbls., kgs. lb. .18 - .30
refined, flour, extra fine, bgs., c.l., works..100 lbs. 2.00 - —
100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 3.25 - 3.40
heavy, bgs., c.l., works... 100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.95 - 3.10
light, bgs., c.l., works..... 100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.05 - 3.20
Refined sulphur in bbls., 35c. higher.
USP, bgs., c.l., works.. 100 lbs. 3.05 - —
l.c.l., works.....100 lbs. 3.40 - 3.55

Soda fluoride prices at Los Angeles are f.a.s. works.
Soda hyposulphite in bbls., 20c. higher; in dms., 50c. higher.
Soda phosphate in bbls. is 20c. higher.
Soda sesquicarbonate l.c.l. price zones are same as those for soda ash.
Sulphathiazole, sesquihydrate, prices same as sulphathiazole.

LOOKING FOR THE

Right Protective Packaging

FOR YOUR NEW POSTWAR PRODUCT?

When your new product for the big postwar market is ready, you'll need the right package.

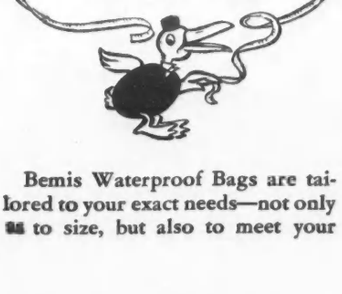
IF your product is in pulverized, powdered, granular, pebble, crystal or lump form, and . . .

IF it must be protected against moisture loss or absorption, loss of aroma, absorption of odors, dirt, sifting or contamination . . .

Chances are your product should be packed in a Bemis Waterproof Bag.

For years Bemis Waterproof Bags have been widely used for crude and processed products of many kinds, such as chemicals, animal, poultry and human foods, fertilizers, etc. The host of pending new products will multiply their field of usefulness.

TAILORED TO THE JOB



Bemis Waterproof Bags are tailored to your exact needs—not only as to size, but also to meet your product requirements. The tough, closely woven outer fabric is bonded, with special adhesives, to one or more layers of paper in order to produce the ideal shipping container for your product.

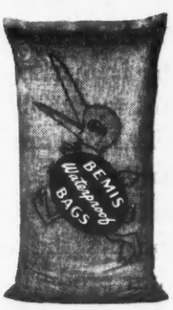
The Bemis Shipping Research Laboratory is your assurance that the right specifications will be determined and that the components of the bag will always meet those specifications. As a preliminary step why not send the coupon today for the booklet—"A Guide to More Efficient Shipping." Then, if you wish, one of our representatives will, without obligation, call on you to discuss your packaging requirements.

IT'S A MONEY-SAVING PLAN, TOO!

Every dollar you save is reflected in your balance sheet . . . and using Bemis Waterproof Bags will save many dollars for you.

In the first place, they cost less than other containers providing comparable protection. Then, they save storage space either when filled or empty. And there's economy in the lower shipping weight.

Thrifty? Man, you said it!



WATERPROOF DEPARTMENT

BEMIS BRO. BAG CO.

ST. LOUIS · BROOKLYN

BEMIS BRO. BAG CO., 408-A Pine St., St. Louis 2, Mo.; 5122 Second Ave., Brooklyn, N. Y.

Please send your special booklet, "A Guide to More Efficient Shipping," and details about use of Bemis Waterproof Bags for _____ (PRODUCT)

Firm Name _____

Street Address _____

City _____ *State* _____

Mark for the attention of _____

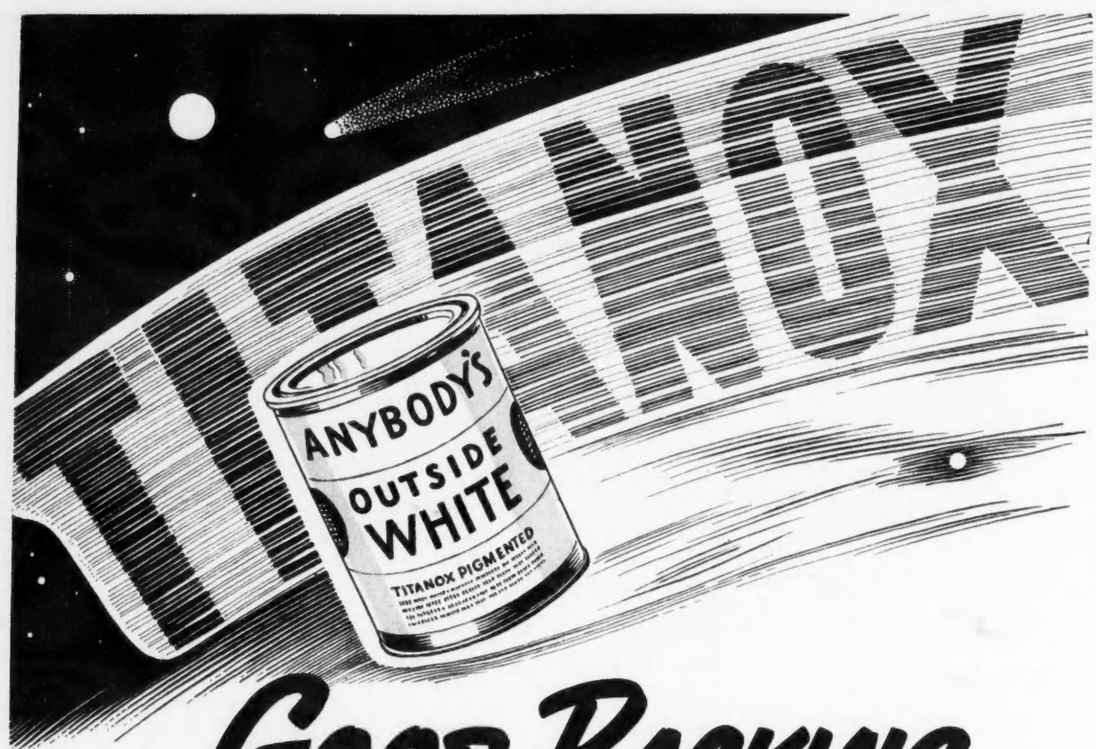
Sulphur rock, bbls., c.l., works, 100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.55 - 2.70
roll, bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., works.....100 lbs. 2.75 - 2.90
Chloride, 55-gal. dms., c.l., works..lb. .03 - .03½
l.c.l., works.....lb. .04 - .04½
10-gal. dms., c.l., works...lb. .07 - .07½
l.c.l. .....lb. .08 - .08½
Dioxide, liquid, commil. cyls., works..lb. .07 - .08
multi-unit cars, works..lb. .04*- .06
tanks, works.....lb. .04 - —
refrigeration, cyls., works, lb. .18 - .21
multi-unit cars, works..lb. .04½- .06
Iodide, bots., jars.....lb. 3.90 - 4.11
Sumac extract, No. 1, bbls....lb. .08 - —
No. 2, bbls.....lb. .07 - —
stainless, bbls.....lb. .09 - .11
Superphosphate,[1] pulverized, run-of-pile, under 22% a.p.a., bulk, production points, Balto..unit-ton. .65 - —
Florida .....unit-ton. .51 - .54
others .....unit-ton. .57 - .84
Delivery points, Ariz., Calif., Colo., Ida. Kans., Nev., N. M., Ore., Utah, Wash., 88½c. per unit-ton plus frt. charge from Anaconda, Mont., in excess of $8.03 per ton.
Superphosphate,[1] gran., 2c. per unit-ton higher than pulverized; guaranteed 18%, 19% or 20% a.p.a., ½c., per unit-ton higher triple, 40% and more a.p.a., bulk, producing points, Florida, unit-ton. .63 - —
South Carolina..unit-ton. .70 - —
Tennessee .....unit-ton. .75 - —
Other States and D.C., 32c. per unit-ton plus frt. charge for 48% from E. Tampa, Fla.

T

Talc, dom., aluminum-flake type, grd., bgs., c.l., works, ton.14.50 -24.50
l.c.l., works.....ton.16.50 -30.00
Calif., bgs., c.l., works.ton.17.50 -43.00
fibrous, grd., coarse, off-color, New York, bgs., c.l., works..ton.13.00 - —
fine, New York, 325 mesh, 93-94%, bgs., c.l., works..ton.13.00 -18.00
98 - 99.5%, bgs., c.l., works..ton.15.25 -19.25
99.85-99.95%, bgs., c.l., works..ton.17.00 -21.00
Pennsylvania, bgs., c.l., works..ton.11.00 13.50
l.c.l., works.....ton.12.00 14.50
Vermont, bgs., c.l., works ton.14.00 - —
l.c.l., works.....ton.15.00 - —
imp., Canada, bgs., c.l.....ton.24.00 -30.00
Tallow,[1,5] edible, tanks.....lb. .09⅞- —
inedible, extra, loose.....lb. .08⅝- —
special, loose.....lb. .08½- —
sulphonated, 35% (24% fat), dms., c.l..lb. .05⅝- —
50% (43% fat), dms., c.l...lb. .06⅞- —
50% (48% fat), dms., c.l...lb. .07⅝- —
Tallow, sulphonated, l.c.l., lc. higher.
Tamarind, bbls.....lb. .14 - .15
Tankage,[1] animal, feed, 9-11% ammon., bulk..unit-ton. 5.53 - —
Chicago .....unit-ton. 5.53 - —
fert. grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 4.00 & .10
10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 4.00 & .10
Tapioca flour,[1,6] Brazil, bgs...lb. .06½- .07⅛
Java, bgs.....lb. No stocks
Tar acid oil,[2,6] 15-18%, dms., c.l., works..gal. .26½- .27½
l.c.l. works.....gal. .28½- .29⅝
25%, dms., c.l., works..gal. .30 - .31½
l.c.l., works.....lb. .32 - .33½
Pine, retort, dms., c.l., dlvd. East..gal. .32⅝- —
l.c.l., works.....gal. .29⅝- —
tanks, dlvd. East.....gal. .27 - —
Tara, powd.....ton.125.00 - —
Tarragon herb, bgs.....lb. 1.50 - 1.70
Tartar emetic, tech., gran. or powd., bbls., kgs..lb. .47⅝- .48
dms.....lb. .48½- .51
USP, powd., bbls., dms., kgs. lb. .52⅝- .56
Terpin hydrate, com'l, bbls., c.l. lb. .75 - .80
l.c.l. .....lb. .25 - .25½
USP, cryst., bbls., dms..lb. .70 - .75
powd., bbls., dms.....lb. .75 - .80
Terpineol, alpha (see A).
Com'l, dms., c.l., South.....lb. .13½- —
l.c.l., South.....lb. .14 - —
tanks, South.....lb. .13 - —
pure, dms.....lb. .35 - .50
Terpinyl acetate, extra cns., dms..lb. .90 - 1.15
prime, cns., dms.....lb. .75 - 1.05
Terpinglycol ether, dms. (extra), c.l., works..lb. .19½- —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .19 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., wks.lb. .08 - .06½
Tetrachlorethylene, N.F., VI, 55-gal. dms., works..lb. .20 - .21½
smaller dms., works.....lb. .23½- .25½
tech. (see Perchloroethylene).
Tetrailin, dms.....lb. .19 - —
Tetrasodium pyrophosphate (see Soda pyrophosphate).
Thallium sulphate, 99%, bots., works..lb.12.50 - —
Theobromine,[1,6] makers, primary distrib., dms., 25-lb. lots..lb. 2.80 - —
smaller lots.....lb. 2.90 - 3.00
Thiamine hydrochloride,[6] bots., dms., 100 grams..kilo.180.00 - —
Thiocarbanilide, dms.....lb. .24 - —
Thiourea, CP, dms.....lb. .55 - .56
Thorium nitrate, cs., works....lb. 2.00 - —
Thyme,[1] Spanish, bls.....lb. .18½- .19
Thymol, cns.....lb. 2.40 - 2.75
Iodide, bots.....lb. 3.88 - 4.19
dms. .....lb. 3.40 - 3.80
Tikitiki (see Rice bran).
Timbo root,[3,6] (see Cube root).
Tin chloride,[6] anhydrous.....lb. No stocks
Crystals,[6] bbls., bgs.....lb. No stocks
Metal,[1,6] Straits.....lb. .52 - —
Oxide,[6] bbls.....lb. .55 - —
Tetrachloride,[6] anhyd., dms., works..lb. .31 - .33
Titanium dioxide,[1,6] chalk resistant, bgs., c.l., dlvd..lb. .15 - —
l.c.l., 5 tons one deliv., dlvd..lb. .15½- —
smaller lots, dlvd.....lb. .15½- .15¾
nonchalking,[1,6] bgs., c.l., dlvd. E..lb. .16½- —
l.c.l., 5 tons one deliv., dlvd..lb. .16¾- —
smaller lots dlvd.....lb. .17 - .17¼
plain,[6] bgs., c.l., dlvd.....lb. .14½- —
l.c.l., 5 tons one delivery, dlvd..lb. .14¾- —
smaller lots, dlvd.....lb. .15 - .15¼
Hydride, cns., works.....lb. 7.00 - 8.00
Pigment, barium base,[1,6] bgs., c.l., dlvd..lb. .05⅝- —
l.c.l., dlvd.....lb. .06 - —
calcium base,[1,6] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05⅝- —
calcium-rutile base,[1,6] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05⅝- —
magnesium base,[1,6] bgs., c.l., dlvd..lb. .05⅝- —
l.c.l., dlvd.....lb. .06 - —
Titanium dioxide and pigment in bbls.,¼c. higher; Pac. cst., ¼c. higher, c.l., dlvd., l.c.l., ex whse.
Tetrachloride, CP, dms., works, 55-gal..lb. .57 - —
smaller pkgs., works....lb. .65 - 1.22
technical, 55-gal. dms., works, lb. .32 - —
smaller pkgs., works....lb. .40 - 1.00
Tolu balsam, cns.....lb. .80 - .82
Toluene (see Toluol).
Toluidin base, distilled, kgs...lb. .96 - —
mixed, dms.....lb. .26 - —
Toluol[6] (toluene), 2° indus., dms., return, works..gal. .33 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .28 - —
West, Minnequa, Colo.gal. .28 - —
1° nitration, dms., return, works..gal. .34½- —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .29½- —
West, Minnequa, Colo.gal. .29½- —
Tonga, 50% bark and vine, bbls.lb. .90 - .95
Tonka beans, Angostura, cks..lb. 2.50 - 2.80
Brazilian, Surinam, cs.....lb. .80 - .85
Totaquine,[1,6] USP XII, 100 ozs., oz. .52 - —
Triacetin, dms., works.....lb. .32 - —
Triamyl borate, dms., works...lb. .33 - —
Triamylamine, dms., c.l., works, lb. .98 - —
l.c.l. .....lb. 1.01 - —
Tributyl citrate, 475-lb. dms..lb. .29 - .31
smaller pkgs.....lb. .34 - .40
Phosphate, dms., l.c.l., dlvd..lb. .47 - —
cns., works.....lb. .51 - —
Tributylamine, dms., c.l., works, lb. .78 - —
l.c.l. .....lb. .81 - —
Trichlorobenzene, dms., c.l., frt. alld..lb. .08 - —
l.c.l., same basis.....lb. .08½- —
tanks .....lb. .07½- —
Trichloroethylene,[6] dms., c.l., works, frt. alld. Zone 1..lb. .08 - —
Zone 2, same basis.....lb. .08½- —
Zone 3, same basis.....lb. .09 - —
Zone 4, ex whse.....lb. .09 - —
Trichloroethylene l.c.l. prices, ½c. higher. Zones are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis., Omaha, K. C., Kan.; (2) Ala., Ark., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D.; (3) Col., Mont. (E), N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.
Tricresyl phosphate,[6] CP, cns., works..lb. .43½- .54½
dms., c.l., dlvd.....lb. .37½- —
l.c.l., dlvd.....lb. .40½- —
tech., cns., works.....lb. .28½- .45½
dms., c.l., dlvd.....lb. .25 - .31
l.c.l., dlvd.....lb. .25½- .31½
tanks, dlvd.....lb. .24 - .30
Triethanolamine,[6] dms., c.l., frt. alld. in E..lb. .19½- —
l.c.l., same basis.....lb. .20½- —
tanks, same basis.....lb. .18½- —
Triethyl phosphate, cns.....lb. .46 - —
Triethylamine, dms., works....lb. 1.16 - —
Triethyleneglycol,[6] dms., c.l., frt. alld. in E..lb. .18½- —
l.c.l., same basis.....lb. .19½- —
tanks, same basis.....lb. .17½- —
Trimethylamine, dms., c.l., dlvd., lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Triphenyl phosphate,[2] bbls....lb. .31 - .32
Tripoli, air-floated, bgs., c.l., works..ton.21.50 - —
double grd., bgs., c.l., works, ton.17.50 - —
once-grd., bgs., c.l., works..ton.16.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tuba root,[3,4] (see Derris root).
Tungsten metal, powd.,[2] 99-99.7%, dms., works..lb. 2.60 - 5.40
Oxide, kgs.....lb. No prices
Turmeric root, Aleppey, bgs...lb. .12 - .12½
Madras, bgs.....lb. .12 Nom.
Turpentine, gum, dms.....gal. .84½- .85
sulphate-wood, dms., c.l....gal. .65 - .75
tanks .....gal. .57 - .67
wood, d.d., dms., East.....gal. .65 - .70
tanks .....gal. .60 - —
steam-dist.,[2] ret. dms.....gal. .80 - .83
tanks .....gal. .74 - .75

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, black, bgs....lb. 2.55 - —
yellow, kgs.....lb. 1.65 - —
Urea, dom., 46% N., bgs., c.l., works or ship. pts..ton.75.00 - —
l.c.l., ship. pts.....ton.77.50 -85.00
import, pure, cs.....lb. .12 - —
Fertilizer comp., 42% N., bulk, c.l., works or A. or G. ports, ton.57.40 - —
Urea-ammonia liquor (A and B), free ammonia content, f.o.b. Belle, W. Va., freight equalized with Hopewell, Va..ton.59.00 - —



GOOD BACKING...

Do you realize, Mr. Paint Manufacturer, the tremendous prestige you establish for your white and light-tinted coatings when you are able to say to important paint users, "Our paints are titanium pigmented"? That simple statement conveys the highest implications that your products are truly of fine quality.

Such a reaction is logical among architects, builders and paint purchasing agents because they *know* titanium pigments. They know the fine characteristics these modern pigments contribute to all types of paint. They know that when they buy titanium pigmented coatings, they receive the maximum in opacity, whiteness, brightness and durability.

TITANOX pigments are the oldest, most widely used and most extensively merchandised titanium pigments. Are you getting the exceeding benefits that derive from their name and fame?

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TITANOX
SEE U.S. PAT. OFF.
TRADE MARK

Urea-ammonia, fixed ammonia content, f.o.b. Belle, W. Va., freight equalized with Hopewell, Va..NH_3 ton.112.50- —
f.o.b. usual Atl. and Gulf ports..NH_3 ton.116.80- —

C and D prices are $120 per ton of nitrogen higher than the A and B respectively for the same destinations.

Uva ursi leaves, bls.....lb. .22 - .23

V

Valerian root, NF, bls.....lb. .65 - .70
Valonia, beards, bgs., f.a.s...ton. No prices
Cups, bgs., f.a.s.....ton. No prices
Vanadium pentoxide, CP, bgs., cns., works..lb. 7.00 - —
tech., dms., works.....lb. 1.10 - —
Vanilla beans,[1] Bourbon, tins..lb. 9.00 - 9.50
Mexican, cuts, tins.....lb. 7.50 - 8.00
whole, tins.....lb. 9.00 - 9.50
Tahiti, white label, tins...lb. 3.50 - 3.75
yellow label, tins.....lb. 3.25 - 3.50
West Indian, tins.....lb. No stocks
Vanillin,[1] makers, primary distrib., tins, ex eugenol, 25 lbs. or more..lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.75
ex guaiacol or lignin, tins, 25 lbs. or more..lb. 2.35 - —
smaller lots.....lb. 2.40 - 2.50
Venice turpentine, artif., cns..lb. .24 - .25
Verdigris, bbls., bgs.....lb. .22 - .28
Vinyl acetate,[6] cnys., works...lb. .25 - —
dms., c.l., works.....lb. .15 - —
l.c.l., works.....lb. .16 - —
smaller pkgs., works....lb. .25 - —
Ether, 75 c.c., less 20% and 20%..bot. 1.50 - —
50 c.c., same basis...bot. 1.05 - —
25 c.c., same basis....bot. .65 - —
Vinylpyridin, ret. dms., works.lb. 1.50 - —
Viosterol (irradiated ergosterol), mil. units. .10 - .14
Vitamin A (see Oils, codliver, halibut-liver).
B_1 (see Thiamine hydrochloride).
B_2 (see Riboflavin).
B complex, natural (see Rice bran and Yeast).
C (see Acid, ascorbic).
D (see Oils, codliver, halibut-liver, viosterol).
E (see Alpha tocopherol).
G (see Riboflavin).
P-P (see Acid, nicotinic, and Nicotinamide).
Violet, methyl, toner (see M).
V.M.P. naphtha (see Petroleum, naphtha, v.m.p.).

W

Wahoo, root bark, bls.....lb. .45 - .55
Wattlebark, E. Afr., bgs., f.a.s., based on freight $11.70, insurance $1 per ton. Difference for buyers: account....ton.50.00 - —
Wattlebark, So. Afr., bgs., f.a.s., based on freight $11.70, insurance $1 per ton. Difference for buyers' account..per ton.50.00 -55.00
extract liquid, 35% tannin, bbls., works..lb. .05 - .06
tanks .....lb. .0450- .05
solid, So. Afr., 62% tannin, ex dock..lb. .0535- .0560
E. Afr., 61% tannin, ex dock, lb. .05225- .05475
Wax, amorphous, 160°-165° m.p., amber, ctns., 30 tons yearly, contract, group 3, works..lb. .14¼- —
smaller lots.....lb. .14½- .15¼
black, ctns., 30 tons, same basis..lb. .12¾- —
smaller lots.....lb. .13 - .13¾
white, ctns., 30 tons, same basis..lb. .24¾- —
smaller lots.....lb. .25 - .25¾
180°-185° m.p., amber, ctns., 30 tons, same basis..lb. .16½- —
smaller lots.....lb. .16½- .17¼
black, ctns., 30 tons, same basis..lb. .14¾- —
smaller lots.....lb. .15 - .15¾
white, ctns., 30 tons, same basis..lb. .28¾- —
Bayberry, bgs.....lb. No stocks
Bees,[1] bleached, USP, white, bricks, bgs., ton..lb. .58 - —
discs or cakes, bgs., ton, lb. .60 - —
ctns., ton.....lb. .58½- .60½
slabs, bgs., ton.....lb. .52½- —
yellow, crude, African, bgs., ton..lb. .37½- —
Cent. or So. Amer., unbleachable, bgs., ton..lb. .44¾- —
unbleachable, bgs., ton, lb. .41½- —
ref'd, USP, bricks, bgs., ton, lb. .53½- —
disc., bgs., tons.....lb. .55½- —
ctns., ton.....lb. .56½- .58½
rounds or squares, bgs., ton..lb. .57½- —
ctns., ton.....lb. .61 - .63
slabs, bgs., ton.....lb. .57 - —
Candelilla,[1] crude, bgs., ton..lb. .34½- —
smaller lots.....lb. .35½- .44½
Candelilla, powdered, 20 mesh, 5c. per lb. extra; 80 mesh, 5½c.; 100-200 mesh, 6c.
refined, bgs., ton.....lb. .44 - —
smaller lots.....lb. .45 - .54
extra-bolted, bgs., c.l..ton.22.00 -26.00
l.c.l. .....ton.23.00 -27.00
Paris white, bgs., c.l..ton.24.00 -28.00
Carnauba,[2] chalky, No. 3, bgs., ton. .71¼- —
smaller lots.....lb. .72¼- .81¼
North Country No. 2, bgs., ton. .75¾- —
smaller lots.....lb. .76¾- .80¾
No. 3, bgs., ton.....lb. .73½- —
smaller lots.....lb. .74½- .83½
refined, bgs., ton.....lb. .76¾- .80
smaller lots.....lb. .77¾- .90
yellow, No. 1, bgs., ton....lb. .83¼- —
smaller lots.....lb. .84¼- .93¼
No. 2, bgs., ton.....lb. .81¼- —
smaller lots.....lb. .82¼- .91¼
No. 3, bgs., ton.....lb. .79 - —
smaller lots.....lb. .80 - .89
powdered (same differentials as candelilla).
Ceresin, dom., 138°-140° m.p., bgs., ton..lb. .13½- .14
jobbing lots.....lb. .14½- .15
150°-160° m.p., bgs., 1 ton, lb. .15½- .16
jobbing lots.....lb. .16½- .17
160°-170° m.p., bgs., 1 ton, lb. .16½- .17
jobbing lots.....lb. .17½- .18
Japan, cs.....lb. No stocks
Montan, bgs.....lb. No stocks
Ouricury,[1] bgs., ton.....lb. .49½- .51¾
smaller lots.....lb. .50½- .61¾
Ouricury,[1] bgs., ton.....lb. .49½- .51¾
refined, bgs., ton.....lb. .62 - —
smaller lots.....lb. .63 - .72
powdered ouricury prices same as candelilla.
Paraffin (see under P).
Spermaceti, blocks, cs.....lb. .26 - .27
cakes, cs.....lb. .27 - .28
White lead (see Lead, white).
White pine bark, rossed, bls..lb. .15 - .16
White precipitate,[2] powd., dms., 50 lbs. or more..lb. 1.98 - —
Whiting, chalk, dry-grd., bgs., c.l..ton.18.00 -22.00
l.c.l. .....ton.20.00 -24.00
wet-ground, bgs., c.l.....ton.21.00 -25.00
l.c.l. .....ton.25.00 -29.00
gilders, bolted, bgs., c.l.ton.20.00 -24.00
l.c.l. .....ton.21.00 -25.00
Whiting, chalk, dry-grd., bgs., c.l., l.c.l. .....ton.26.00 -29.00
limestone, dry-grd., 325 mesh, bgs., 40 tons, N. E., works, ton. 6.00 - —
smaller lots, N.E., wks, ton. 7.00 - 9.00
wet-grd., air-floated, 300 mesh, 99¾%, bgs., c.l..ton. 9.35 -10.10
200 mesh, bgs., c.l.....ton. 8.60 - 9.50
90%, bgs., c.l.....ton. 6.25 - 7.00
water-floated, extra gilders, bgs., c.l..ton.13.00 - —
gilders, bgs., c.l.....ton.12.45 - —
putty grade, bgs., c.l..ton.12.00 - —
Precipitated, bgs., c.l.....ton.14.00 -15.00
l.c.l. .....ton.18.00 -20.00
Wild cherry bark, thick, bls..lb. .06 - .07
thin, bls.....lb. .18 - .19
rossed, green, bls.....lb. .23 - .24
Wild indigo root, bls.....lb. .18 - .19
Witch-hazel extract, dist., NF, bbls..gal. .70 - .75
Leaves, bls.....lb. .10 - .12
Witherite (see Barium carbonate, natural).
Woodflour, 40 mesh, bulk, c.l., N. Tonawanda, N.Y..ton.20.00 - —
60 mesh, same basis.....ton.24.00 - —
80 mesh, same basis.....ton.27.00 - —
100 mesh, same basis.....ton.30.00 -32.00
Woodflour, in bags, 25c. each extra, returnable.
Wormseed, American, bgs....lb. .20 - .23
Levant .....lb. 6.50 - —
Wormwood, bls.....lb. .50 Nom.

X

Xylene (see Xylol).
Xylol[6] (xylene), indus. dms. returned, works..gal. .32 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .27 - —
West, Minnequa, Col....gal. .27 - —
Xylol, 10°, dms., return, works, gal. .35 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .30 - —
5°, dms., return, works....gal. .42 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .37 - —
3°, dms, return, works....gal. .47 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .42 - —
Xylol petroleum solvent, ret. dms., N. C., N. J.....gal. .26 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., bots., cns...lb. 1.75 - 2.20
Yeast, brewer's, dry, 50 B units, dms..lb. .35 - —
90 B units, dms.....lb. .45 - —
200 B units, dms.....lb. .50 - —
300 B units, dms.....lb. .60 - —
Yellow, benzidin, bbls., divd...lb. 1.35 - 2.25
Cadmium, CP, import, bxs...lb. 1.35 - 1.40
Chrome CP, bbls., divd. N. of Tenn. and N. C., E. of Miss. R., includ. Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts, lb. .16 - —
Chrome yellow prices are ¼c. higher, divd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, 1¼c.; Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher divd. Pac. Coast: for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Yellow, Dutch, pink, bbls.....lb. .08 - .11
Hansa, bbls., same basis as chrome..lb. 1.37 - —
primrose, bbls., same basis..lb. 1.75 - —
Lithopone, bbls., ton lots, E. of Rockies..lb. .55 - —
smaller lots, same basis..lb. .65 - —
Sulphide, orange, cs., kgs., works..lb. 1.10 Nom.
Mercury oxide, bbls., 1,000 lbs. lb. 1.83 - —
smaller lots.....lb. 1.85 - —
Ocher American, golden, bbls., works..lb. 04½- .06¼
yellow, bbls., works.....lb. .02 - .02¾
French type, bbls., c.l....lb. .0345- —
l.c.l. .....lb. .0365- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, Pa...lb. .04½- —
l.c.l., same basis.....lb. .05 - —
synth., bbls., c.l., works...lb. .07 - —
l.c.l., works.....lb. .071 - —
Persian orange (see O).
Zinc,[6] bbls., same basis as chrome..lb. .15 - —
Navy spec. type, bbls., contracts..lb. .15 - —
Yellow dock root, bls.....lb. .38 - .40
Yellow root (xanthoriza), bls..lb. .18 - .30
Yerba santa leaves, bls.....lb. .24 - .26
Yohimbine hydrochloride, vls..oz. 5.00 - 5.75

Z

Zein, bgs., 1,000 lbs., works..lb. .25 - —
smaller lots, works.....lb. .30 - —
Zinc acetate, tech., bbls., divd..lb. .16 - .17
USP, bbls., 250 lbs.....lb. .26 - .27
kgs., 100 lbs.....lb. .29 - —

—Continued on page 42

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Founded October 18, 1871, by
William O. Allison
Directed, 1900-1942, by Harry J. Schnell

Published every Monday in New York by
SCHNELL PUBLISHING COMPANY, INC.,
59 John Street, New York 7, N. Y., U. S. A.
Telephone REctor 2-9820. Cable Address Reporter, New York.

William S. Auchincloss, President and Treasurer; Jean Schnell Auchincloss, Vice-President; Hugh Craig, Vice-President; Burr Price, Vice-President; M. B. Powers, Assistant Treasurer; A. L. Koch, Secretary.

Incorporating the Drug, Paint and Oil Trade, The New York Drug Bulletin, The Weekly Drug News, the New York Druggists' Price Current, The Soap Makers Journal, the Oil and Paint Review, and International Petroleum Reporter.

Annual subscription rates, including postage, in the United States and possessions, Cuba, Mexico, Central America and South America, $5.00; Canada and Newfoundland, $7; other countries, $10.00; single copies, 25 cents each.

Member of Audit Bureau of Circulations.

Entered at the Post Office at New York as second-class matter January 15, 1884, under the act of March 3, 1879.

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Schnell Publishing Company, Inc.

Vol. 146 July 24, 1944 Number 4

Problems of Conversion

It is largely because the problem of business conversion from the needs of war to the desires of peace has so many sides that the determination of a governmental policy proceeds so slowly. Too much expectation should not be laid upon the scheduled resumption August 15; there are scores of obstacles in the dozens of paths along which reconversion must pass. And one of the biggest is the fact that "reconversion" is not an exact designation in all instances. Some war businesses cannot be said to reconvert because they did not exist before the war. Others plainly intend to turn to peacetime lines far different from those in which they were engaged before taking up warwork.

All that makes troubles—and it can be expected to make more. The predictions of twelve-figure annual national incomes are no guaranty that competition will have a bigger field in which to exercise after the war. Prediction is not production. And the postwar competition among and within the established major industries is going to be severe enough without the entry of hundreds of new contestants. But, these hundreds are going to be in the running—and the chemical group of industries is going to have its full share of them.

That is one reason why the letting down of the bars before the war job is done does not appeal to broadguage thinkers. They know that the war is only about 10 percent over. They know that war expenditures are bigger now than they had been—June set a new high monthly record. They know that the ordering by the military authorities of construction of larger producing facilities, and the installation of additional equipment do not strike at the reason for lagging war production. They know — the chemical industries particularly know— that existing facilities and equipment are not producing at capacity because they cannot be adequately manned.

WPB Vice-Chairman Batt knew these things when he said:—

> There are enough workers to keep the level of war production high, yet certain programs are suffering because they cannot get and hold the labor they need—principally strong male labor.

Some of the draft officials should learn that truth. They might well ponder the inducting of all who get out of warwork, even though a lot of workers—and employers too—are eager to shift. War Manpower Chairman McNutt wasn't spreading scaretalk when he said:—

> For some time, it has been increasingly difficult to recruit workers for vital war jobs, primarily because of the not unnatural desire of workers to find employment in activities which give promise of security after the war.

And along comes a list of civilian articles to which conversions may be made next month. Few, if any of them, are half-way necessary for the maintenance of life. Also, it would be difficult for any producer of these things to prove that in materials, manpower, transportation, or something his operating was not hampering the war effort, perhaps jeopardizing the life of a man or a woman on the fighting front. And not all the profit all could make on all conversion operations would pay for one such life needlessly sacrificed.

—O-P-D—

Internationality of Trade

Another side of the problem of war-to-peace business conversion, which apparently gets far less consideration from businessmen than it deserves, is the international aspect. Anybody who thinks that Great Britain is going to sit in silent inactivity while the United States inaugurates a program of revived civilian production just does not know the international relationships of business and their involvement of governments. The same applies to Russia. And it must not be overlooked that Germany and Japan still have business friends in the United States, who will do all they can to prevent the handicapping of those nations in the postwar competition for the trade of Latin America, the Far East, the Near East, and other parts of the world.

The British Minister of Economic Warfare told the House of Commons last week that Great Britain was endeavoring to get an agreement with the United States on a program of conversion from war to peace production. The British Board of Trade—equivalent in standing to the United States Department of Commerce, but more practicable in functioning—is no little disturbed by the WPB conversion program. The reason is plain. And opposition to that program, although not evident, must be expected.

Joint plans for the industrialization of Latin American nations are being discussed by the United States with their governments. Governmental participation will be substantial on their side, and cannot be excluded at this end. These plans are "noble in purpose"—increasing buying power, raising the standard of living, and all that sort of desirable thing —but they are hardpan practicable in their working scheme. The underlying purpose is to make the resources of the Latin American nations in men and materials pay bigger dividends. Surely nobody can expect the United States government to be so unneighborly "good" as to give its businesses a "green light" on civilian production that could get into export trade and thus occupy Latin American markets far ahead of their domestic industrialization movement.

Such little factual information as gets out from the international powwows on world oil policies is enough to show the extent to which the economic relations of the world are being applied to national policies. It is clear that, if the results of the peacetable include a world court and some sort of a supernational advisory body, they also will comprise an international marketing exchange, an international mercantile system, and perhaps an international bargain-counter.

The international aspects of conversion from war business are illuminated peculiarly from the angle of lend-lease. Precedent is almost wholly lacking on which to base an interpretation of what that lighting discloses. It may, however, quite safely be presumed that, in the international agreements and working policies attendant upon war efforts, lend-lease ranks above purely domestic civilian desires for goods that have been off the market or limitedly available during the war years.

—O-P-D—

Slipshod Lawmaking

The ingrained habit of congressional carelessness—to put it mildly—in the construction of statutory language has broken out in a new sore spot. The army has banned a long list of high-standard periodicals from the reading lists of soldiers. It has removed a number of distinguished books from its courses of special education for its personnel. It has fired some of its educators and editors and given "dutch-uncle" talks to many more who were inclined to take journalistic comment in their stride.

The army has done these dictatorial things because it feared that not to do them would mulct an officer here and there for as much as $1,000, and might put some of them in jail for a year. All this fear arose from an amendment to the Hatch political activity act, which banned from the armed services the circulation of "political argument or political propaganda of any kind designed or calculated to affect the result of any election for President."

Senator Taft, who wrote the Hatch amendment, says he did not mean it to have the effect of barring ordinary magazine articles. The army says it can't go by what was meant, but must follow the letter of the law. It finds itself in the same position as a dozen administrative agencies—all because Congress remains content with carelessly, or ignorantly, or expediently drafted bills.

The consequences of that fault have become characteristic of administrative functioning, under the urge of bureaucracy which finds in it a golden opportunity. Recently evident is the clash between the Office of Price Administration and the Interstate Commerce Commission over the latter's right to increase railroad fares in violation of an OPA rule. The multitude of labor authorities is an outstanding example and contributes mightily to the doing of nothing to settle disputes. Bureauracy feeds on legislative inadequacies. While it may be argued that, in its slipshod—or slick—methods, Congress is truly representative of the majority of the people, something better should be expectable.

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Heavy Chemicals

Supply conditions in some of the heavy chemicals appeared slightly better although there was no appreciable indication of easement in the general market. The call for regular shipments continued heavy and producers have moved material as rapidly as their manpower would allow. Official reports indicate there is going to be enough chlorine to meet all military and essential civilian wants. Carbon tetrachloride has been placed in better shape to meet civilian requirements. Statistics released by the Chemicals Bureau of WPB show that production of industrial chemicals was well sustained through May while there was little indication that any large inventories were being carried. OPA has established maximum prices for potash chlorate for new producers.

OPA order MPR 543, covering certain barium chemicals, has been amended to substitute the word, "Plant," for "shipping point" in section 13 (a) and the note therein.

Paper production as a percentage of six-day capacity was 91.1 in the week ended July 15, according to the American Paper & Pulp Association. This compares with 53.8 in the previous week and 90.2 percent a year ago.

Geological maps, accompanied by a brief text describing tungsten ore deposits in Pinal county, Arizona, have been released by the Geological Survey. The discovery in 1943 of a new deposit of tungsten ore has attracted increased interest. Copies of the map and text may be obtained by those interested by applying to the director, Geological Survey, Washington 25, D. C.

Chemical allocations for the month of July start on page 7 of this issue.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

General Chemicals

Last week.	Prev. week.	Last month.	Last year.
169.0	**169.0**	**169.6**	**170.0**

Acids

Last week.	Prev. week.	Last month.	Last year.
116.0	**116.0**	**116.0**	**116.0**

Ammonia Anhydrous. — Production of synthetic for May was given by the Chemicals Bureau at 42,306 short tons compared with 43,191 tons in April. Stocks at the close of May were 3,766 tons against 2,834 tons at the end of April.

Arsenic.—WPB granted allocations for agricultural use for the third quarter at 65 percent of requests with provision of 23 percent for export, compared with 89 percent for the second quarter. The glass industry received 6 percent against 4 percent in the second quarter. A minor amount was allocated for the manufacture of civilian dyestuffs.

Bleaching Powder.—Chemicals Bureau placed May production at 5,747,000 pounds and stocks at 1,138,000 pounds, compared with a production of 5,343,000 pounds and stocks of 1,487,000 pounds in April. Due to increased military needs and reduced production, WPB cut civilian allocations for July about 10 percent more than in previous months.

Calcium Acetate.—May production is given at 1,083,000 pounds, compared with 775,000 pounds in April, according to the Chemicals Bureau. Stocks at producing plants were placed at 294,000 pounds at the end of May against 358,000 pounds at the end of April.

Calcium Hypochlorite.—Output was slightly higher in May than in April. Chemicals Bureau gave May production at 1,261,000 pounds against 1,241,000 pounds in April. Stocks at the close of May were 424,000 pounds compared with 605,000 pounds at the end of April.

Carbon Tetrachloride.—Supply was adequate to cover essential requirements in the third quarter as fixed by program determination 99. WPB stated that due to some changes, it will be possible to take care of the new requirements of the freon program and also make more material available for dry cleaning than the small quota which was allocated for this purpose during the second quarter.

Chlorine.—Supply situation reported capable of meeting all military and essential civilian requirements. WPB stated that requests for the third quarter exceeded the supply limit by about 4 percent. Approximately 260,000 tons were allocated for the manufacture of chemicals against 258,000 tons for the second quarter. The allocation for the paper industry was reduced approximately 8 percent compared with 9 percent in the second quarter. Metals refining will receive 23,800 tons against 31,000 tons in the second quarter. An increased demand has developed for strategic chemicals and unless there is an overall change in the picture, it is expected that a gradual increase in demand will continue throughout the first half of 1945.

Potash Caustic.—Consuming demand showed no signs of relaxing and available material has remained at a low level. Chemicals Bureau gave May production at 3,736 tons against 3,494 tons in April. Stocks at the end of May were 1,949 tons compared with 1,720 tons at the close of April.

Potash Chlorate.—Maximum prices have been established by OPA, applicable to new producers. One of the manufacturers may charge $15.75 per 100 pounds at their shipping point, containers included for 20 tons or more. The small lot price ranges from $15.90 to $17.00 per 100 pounds same basis. All other new producers are given maximum prices of $10.75 per 100 pounds for 20 ton lots or more, same as above basis, with smaller quantities ranging from $10.90 to $12.00 per 100 pounds, depending upon size of order.

Soda Ash.—Shipments to regular consumers moving out as promptly as labor conditions allow and fast enough to prevent any accumulation. Chemicals Bureau gave May production of light at 212,240 short tons against 206,990 tons in April. Stocks at the close of May were 22,124 tons compared with 21,380 tons at the end of April. Production of dense in May was 126,642 tons against 124,727 tons in April. Stocks of light at the end of May were 10,085 tons compared with 12,669 tons at the end of April.

Soda Bicarbonate.—May production was given at 13,077 short tons by the Chemicals Bureau. This compares with a production of 12,791 tons in April. Stocks at the end of May were 5,591 tons against 5,535 tons at the end of April.

Soda Caustic.—Production of liquid by electrolytic process for May was reported by the Chemicals Bureau at 100,533 short tons. This compares with 99,052 tons produced in April Stocks were 32,875 tons at the end of May against 33,736 tons at the close of April. Lime soda production was 57,733 tons against 58,037 tons in April. Stocks at the close of May were 13,967 tons compared with 14,741 tons at the end of April. The market remained tight with demand heavy.

Soda Silicate.—May output of liquid 40 degree was placed at 97,976 short tons by Chemicals Bureau. This compared with 88,315 tons in April. Stocks at the close of May were 100,584 tons against 94,146 tons at the end of April. Production of all forms of solid combined was 10,548 tons in May compared with 10,809 tons in April. Stocks in May were 8,191 tons against 8,455 tons on April 30

Acids

Muriatic.—Production for May was reported by Chemicals Bureau at 31,418 tons against 29,671 tons in April. Stocks at producing plants at the end of May were 2,575 tons compared with 4,158 tons at the end of April.

Nitric.—May output was 38,958 tons compared with 38,161 tons in April, according to the Chemicals Bureau. Stocks held at producing plants amounted to 7,047 tons at the end of May against 6,887 tons at the end of April.

Phosphoric Acid.—May production of 50 percent H_3PO_4 was 59,147 tons against 57,807 tons in April, according to figures released by the Chemicals

For Current prices see alphabetical listing beginning on page 9.

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Bureau. Stocks at the end of May were placed at 13,910 tons compared with 12,458 tons at the end of April.

Sulphuric.—Chemicals Bureau reported May production of chamber process at 272,128 tons and net contact process at 442,141 tons. April output of chamber process was 263,132 tons and net contact process at 428,712 tons. Stocks of chamber process at the end of May were 266,448 tons compared with 287,962 tons at the end of April.

Insecticides

Production of calcium arsenate showed an increase in May over April, according to the Chemicals Bureau. May output was 4,890,000 pounds against 4,099,000 pounds in April. Stocks at producing plants were smaller. At the end of May, supplies were 7,709,000 pounds, compared with 8,530,000 pounds at the end of April. Reports from Georgia state that in some parts of the cotton belt, the boll weevil infestation has exceeded the 10 percent limit and the use of calcium arsenate is being urged.

Tighter supply condition has developed in lead arsenate under a heavy inquiry. Supply of paris green seemed just about equal to demand and was reported adequate to tight. Copper fungacides have been greatly reduced under a steadily increasing demand. No relief has been accorded the tight supply situation in paradichlorobenzene. The phenols have continued adequate as have zinc compounds except zinc oxide which is moving under allocation. The supply of wettable spreaders and stickers remained mostly in a favorable supply condition.

Chemical Allocations

—Continued from page 7

photographic material and equipment, printing inks, printing, publishing and engraving accessories, 285,743 pounds; public transportation, ambulances and new trucks, 154,286 pounds; womens' and infants' sanitary wear, non-allergic pillow cases and covers, surgical adhesive tape and plasters, baby carriage cloth, upholstery (vehicle), case cloth for safety, scientific, precision and optical instrument cases, shoes and transmission belting, 168,712 pounds; laundry equipment and accessories, refrigerators and coolers, hardware, locks, heating equipment, plumbing, baby carriages, clocks, buttons and buckles, and map and chart covers and holders, 156,352 pounds; all other civilian uses allowed a percentage based on former use picture, 44,299 pounds.

Butyl Acetate, Secondary

No civilian end uses allowed for protective coatings.

Butyl Alcohol, Normal

Requests for civilian uses were granted as follows:—Butyl acetate, 85 percent, 846,000 pounds; hydraulic brake fluid, 50 percent, 109,110 pounds; other butyl derivatives, 100 percent, 64,186 pounds; cellulose acetate sheets, 95 percent, 106,000 pounds; photographic and reproduction products, 100 percent, 34,585 pounds; resins and plastics, 85 percent, 239,960 pounds; dyes and penetrants, 95 percent, 13,850 pounds; miscellaneous, 85 percent, 48,803 pounds.

The following essential civilian protective coatings were allowed:—Arms, weapons, ammunition, aircraft, electrical and communication equipment, containers, packages and accessories, 197,761 pounds; industrial machinery, equipment and tools, health, safety and scientific equipment, photographic materials and equipment, printing inks, printing, publishing and engraving accessories, 108,601 pounds; public transportation, ambulances and new trucks, 67,585 pounds; womens' and infants' sanitary wear, non-allergic pillow cases and covers, surgical adhesive tape and plasters, baby carriage cloth, upholstery (vehicle), case cloth for safety, scientific, precision and optical instrument cases, shoes and transmission belting, 54,121 pounds; laundry equipment and accessories, refrigerators and coolers, hardware locks, heating equipment, plumbing, baby carriages, clocks, buttons and buckles, and map and chart covers and holders, 60,957 pounds; all other civilian uses allowed a percentage based on former use picture, 356,797 pounds.

Butyl Alcohol, Secondary

For protective coatings, the following essential end uses were allowed:—Arms, weapons, ammunition, aircraft, electrical and communication equipment, containers, packages and accessories, 16,186 pounds; industrial machinery, equipment and tools, health, safety and scientific equipment, photographic materials and equipment, printing inks, printing, publishing and engraving accessories, 9,959 pounds; public transportation, ambulances and new trucks, 5,496 pounds; womens' and infants' sanitary wear, non-allergic pillow cases and covers, surgical adhesive tape and plasters, baby carriage cloth, upholstery (vehicle), case cloth for safety, scientific, precision and optical instrument cases, shoes and transmission belting, 26,765 pounds.

Butyl Alcohol, Tertiary

All civilian requests were allocated in full.

Caffeine

Allocated in full for medicinal use; requests granted in part for beverage use (100 percent of average monthly 1941 consumption, adjusted for materials obtained on toll agreement and importations).

Calcium Carbide

Allocation requests of all applicants met in full for all uses. This includes 17,885 tons for welding and cutting, 37,015 tons for chemicals.

Carbon Tetrachloride

The supply of carbon tetrachloride was adequate to take care of the essential requirements as fixed by program determination No. 99. Due to some changes in requirements, it is going to be possible to take care of the new requirements of the Freon program and also to make available more carbon tetrachloride for dry cleaning purposes than the small quota which has been allocated for this purpose during the second quarter of 1944.

Casein

Allocations for the third quarter were granted 100 percent as requested for all groups with the exception of "paint," which was allowed 100 percent of 1942 usage. Casein for plastics allowed at 120 percent of 1942 consumption.

Cellulose Acetate, Flake

Requests for cellulose acetate flake to be used in the manufacture of yarn and staple fibre were met in full. Photographic film allocation was in accordance with limitation order L-233. Demands for cellulose acetate flake for lacquer were met in full. Allocations for plastics were sufficient to meet the plastics allocations under M-326-a and M-326-b.

Cellulose Acetate Butyrate, Flake

A small amount of acetate butyrate flake of the plastic type was allocated to civilian protective coating uses. Some flake will reach civilian uses indirectly, subject to the allocation of cellulose acetate butyrate plastics (M-326-a and M-326-b), and to the provisions of L-233 on photographic film.

Cellulose Acetate Propionate, Flake

No cellulose acetate propionate flake was allocated to civilian protective coating uses. Some flake will reach civilian uses indirectly subject to limitations imposed by L-233 on photographic film.

Cellulose Ester Sheets, Rods, Tubes and Molding Powder

Cellulose acetate and cellulose acetate butyrate molding compound:—Allowed for the following end uses:—Electrical and communication equipment, 138,340 pounds; industrial equipment, 102,266 pounds; plumbing supplies, 72,550 pounds; extruded edgings, 199,831 pounds; farm and dairy supplies, 83,730 pounds; health and sanitation equipment, 92,555 pounds; hardware, 332,664 pounds; toothbrushes, 273,534 pounds; slide fasteners and garment fittings, 20,700 pounds; optical frames, 169,950 pounds; office equipment, 183,843 pounds; closures, 34,400 pounds; buttons and buckles, 297,980 pounds; cosmetic packaging, 467,298 pounds, and other civilian items such as combs, brush backs, religious goods, household and kitchenware and miscellaneous packaging, 2,195,793 pounds. An allocation of 903,295 pounds was made for use from existing molders' inventories and included scrap molding powder which was included in the above figures. Allocations were made on the basis of individual producers' capacities. Phthalate for plasticizer was allowed for only very few specific military end uses.

Cellulose Acetate Sheeting:—Allocated to civilian end uses as follows:—Clothing items, 3,234 pounds; electrical parts, 11,221 pounds; feed, 100 pounds; flashlights, 1,066 pounds; health, 2,340 pounds; house-

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hold accessories, 234 pounds; identification badges, 7,832 pounds; industrial tools, 5,248 pounds; office accessories, 6,939 pounds; photography and printing, 73,288 pounds; respirators, gas masks and safety goggles, 29,307 pounds; miscellaneous, 3,854 pounds; transportation, 15,609 pounds.

Due to the critical supply situation on phthalate plasticizers, material for civilian uses must be made with substitute plasticizers. Due to the large military demand for sheeting under .003 inches none of this material was allocated for civilian use. A quantity of reject and scrap material has been allowed for end uses with the essentiality below the pattern for first-grade material.

Charcoal

Production during July will be slightly below normal, because of the fact that two of the medium-size retort plants will be closed down all month for annual repairs.

The entire July requirements of war industries and other essential industries have been provided for in full, and in addition, it has been possible to allocate approximately 2,500 tons of lump charcoal and charcoal briquets for civlian use. Charcoal is now being released for stockpiling by various refrigerator car lines, for use next Winter for car heating. It is expected that all refrigerator car lines having storage facilities available will have enough charcoal briquets in their storage bins before December 1 to carry them through the Winter.

Chemical Cotton Pulp

100 percent allocation for high tenacity rayon, meat casing, acetate plastics, film and lacquers, acetate rayon, nitrate plastics, film and lacquers, ethyl cellulose and miscellaneous.

Chlorate Chemicals

For the third quarter, allocations were made as follows:—Sodium chlorate, potassium chlorate, potassium perchlorate and perchloric acid allocations recommended in line with Requirements Committee Program 30-A. Minor chlorates and perchlorate requests were allowed in full.

Chlorine

Chlorine is in sufficient supply for the third quarter 1944 to meet all military and essential civilian requirements.

Requests for allocation exceeded supply of approximately 4 percent. It has, therefore, been necessary to make reductions in requests for paper manufacture of approximately 8 percent, and chemical manufacture of approximately 4 percent. Approximately 260,000 tons has been allocated to the manufacture of chemicals; 482 tons to textiles; 23,800 tons to Metals Refining (includes magnesium production); 6,300 tons to sodium hypochlorite manufacture (part of chemicals manufacture).

Chlorine usage for the third quarter shows little change in pattern, except that as predicted, requirements for strategic chemicals have increased. This is not reflected in the figure of 260,000 tons for chemical use, but it appears in other uses. Unless there is a change in the over-all picture, it is expected that chlorine demand will continue to increase gradually throughout the first half of 1945. End uses of chlorine, shipped in small cylinders, are reported starting with the third quarter, in accordance with a recent change made in the chlorine allocation order M-19.

Chrome Chemicals

Tanning:—July allocations were made on the same basis as in June when civilian needs were met on the basis of April consumption and tanneries having a high percentage of military production were allocated proportionately more. Supply still insufficient for all soakings permissible.

Pigments:—Allotments consistent with requirements of Order M-370.

Metal Treating and Plating:—Small order exemption for chromic acid has been reduced from a maximum of 800 pounds to a maximum of 100 pounds. Minimum operating requirements for aircraft manufacture and similar uses were supplied.

Chemical Manufacture:—Requirements for chemicals going for military use were granted in full. Civilian allotments continue on a reduced basis.

Metallurgical:—Essential requirements met in full.

Corrosion Prevention:—Essential requirements met in full. Sodium or potassium bichromate were substituted for sodium chromate wherever possible.

Foreign:—Foreign allotments for July were made on a heavily curtailed basis.

To supplement the shortage of chrome oxide, the Chemicals Bureau of the War Production Board announces that a use has been developed for waste residue containing chrome, which results from dyestuff production. Under WPB Order I-18-b, the Minnesota Mining and Manufacturing Company has been authorized, beginning July 15, 1944, to process this waste, and to produce from it a crude sodium chromate liquor which can be used in the manufacture of roofing granules.

The amount of crude chromate liquor available, subject to allocation by the Chemicals Bureau, for use by each granule producer, including the Minnesota Mining and Manufacturing Company, will be proportionate to the amount of chrome oxide (or its equivalent) consumed by each in 1941 in the manufacture of granules.

Chrome Pigments

Allocation of Class "B" pigments which include chromium oxide green and zinc chromate were made only to those essential military uses specifying the use of these pigments. Sufficient Class "A" pigments were available to most quota orders and exempt orders as defined in M-370, but no additional quantities were allowed for extra quota Class "A" requests.

Cinchona Alkaloids

Requests were granted on the following basis:—Totaquine, medicinal only, 100 percent for dosage forms, for compounds, for small order deliveries; quinidine, approximately a thirty-day supply was released to distributors and on consumer applications for use in treating cardiac disorders. Small amount released for research on production of quinidine from natural quinine; cinchonine, small amounts were released for industrial use as laboratory agent in tungsten and molybdenum analysis. One request for use from consumer stocks was approved for anti-malarials. Cinchonidine, one request for use from consumer stocks was approved for anti-malarials. Quinine, small amounts released for ampul medication in the treatment of malaria and for conducting anti-malarial research. Small amount released for research on the production of quinidine from natural quinine.

Citric Acid

Citric acid for foods and beverages for use during the third quarter of 1944 was allocated in agreement with the War Food Administration as follows:—Jams and jellies, 125 percent of 1941 consumption; pectin and baby foods, 110 percent of 1941 consumption; all other food and beverage uses, 40 percent of 1941 consumption.

Other end uses were allocated as follows:—Chemical manufacture, 100 percent of requests; pharmaceuticals, 75 percent of 1941 consumption; general resale and small order resale, 50 percent of 1941 use for this purpose.

Coaltar

Permission granted for use of crude coaltar (under order M-297) as substitute for fuel oil where the latter is not available; where relief is required for disposition of tar; and where crude tar is essential for specific purposes.

Copper Chemicals

Copper Sulphate:—Allocated for the third quarter, 100 percent for the following end uses in the amounts shown:—Agriculture, 12,565,054 pounds; catalyst, 120,000 pounds; dyes and pigments, 40,600 pounds; mining ore flotation, 921,300 pounds; water purification, 738,600 pounds; lumber preservatives, 15,000 pounds; other, 3,679,864 pounds; carbonate, 199,000 pounds. Allocations were reduced where requests were inflated.

Cresols and Cresylic Acids

Orthocresol (domestic):—Allocated for plastics; agricultural insecticides. Denied for coumarin manufacturing.

Domestic Metaparacresol and Cresylic Acid:—Allocated for tricresyl phosphate; ore flotation; plastics (65 percent); medicinals; preservatives; miscellaneous uses (69 percent). Denied for textile agents, cleaning compounds, U.S.P. cresol and cresylic disinfectants, carbon remover, and all other civilian uses.

Imported Metaparacresol and Cresylic Acid:—Allocated for tricresyl phosphate; plastics; carbon remover, 261,000 pounds; disinfectants, 100,000 pounds; textile

—*Continued on page 37*

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Textile and Leather Chemicals

Steadily advancing costs for foreign tanning materials, combined with uncertainty in obtaining deliveries for replenishing scanty supplies, caused tanners to manifest less interest in divi-divi, mangrove bark, and wattle bark in the market for textile and leather chemicals. Consumers were reported to be substituting chestnut bark and quebracho extracts until the tight situation in the above-mentioned tanning materials adjust itself.

The lack of shipping space from producing sources has been the main cause of the paucity of supplies of divi-divi and mangrove bark, while recent advices from primary markets concerning wattle bark stated that offerings for shipment have been withdrawn during the balance of the year.

The Office of Price Administration explained the amount of war risk insurance costs that may be included in ceiling prices by sellers of imported tanning materials, effective July 25. Since importers will now be obliged to insure exclusively with private companies, OPA said, the amount of insurance premium costs that could be included in importers' ceiling prices will be as follows:—

(1) Price adjustments will be allowed on the basis of actual premium at current commercial rates for an amount of insurance equal to the risk formerly insured by WSA; that is, 105 percent of actual cost, such cost including the amount payable to the foreign seller of the commodity, less all discounts, plus freight to the port of entry, plus premiums payable for marine and war risk insurance.

(2) If any seller has an outstanding war risk insurance policy issued for broader coverage than that recognized by this action, the additional premium cost may not be added to the ceiling price, but must be absorbed by him.

Chemicals

Potash, Bichromate.—Production of bichromate and chromate (100 percent) totaled 733,000 pounds, as compared with 638,000 pounds in April, according to the Chemical Bureau of WPB. Stocks at producing plants at the end of May were 410,000 pounds. Market was steady with trading light.

Soda, Bichromate.—Production of soda bichromate during May totaled 7,060 short tons, comparing with 6,920 tons in April. Stocks at producers' plants at the end of May were 1,195 tons. Consumers continued to absorb good-sized quantities on allocation.

Soda Hydrosulphite.—Demand moderate, with supplies adequate to cover consuming requirements. Prices unchanged and steady.

Sulphur, Dioxide.—Tanners have reduced inquiry of late for the commercial grade. Business was fair. Producers were having difficulty in securing cylinders, which is delaying deliveries.

Dyestuffs

Annatto.—Improvement was lacking in the tight spot situation. Supplies were at low ebb and were doled out in small lots to consumers. Shipments from primary points were still held up by the lack of shipping space.

Turmeric.—Limited stocks of Aleppy were in good request, with holders restricting sales to regular customers. Offerings for shipment continued light.

Sizing Materials

Albumen Blood.—Consumers were taking sizable quantities for immediate and nearby needs. Production was moderate, but not adequate to cover demand. Seasonal call has been heavy of late and makers had to fall back on reserve stocks to fill orders. Prices were unchanged. Trading in soluble dried blood was fairly active.

Albumen Egg.—Buying interest was active during the week. Production is sold ahead and makers were behind in deliveries. The market was firm at the recent boost in the price ceiling. producers' stocks were said to be limited.

Dextrin, Corn.—Inquiry was active, but trading was restricted owing to the sold up production. The market was firm with producers unable to fill current demand. Prices were unchanged.

Egg Yolk.—A steady consuming demand was noted during the week. Deliveries on contracts were moving at a faster pace than a month ago. Production has improved to some extent but was still affected by the labor shortage. Quotations were firm.

Starch, Corn.—Demand for various corn products continued excellent with producers operating at capacity to cover consumers requirements and to catch up with delayed deliveries. Quotations were firm. One producer has limited the acceptance of orders to 30-day delivery.

The visible corn supply decreased some 256,000 bushels during the week ended July 15, according to the Chicago Board of Trade, reducing stocks to 11,986,000 bushels, comparing with 7,184,000 bushels during the same time last year.

Almost 68,000,000 bushels of corn were acquired by the government under the "corn-for-war" program, the War Food Administration announced July 17. A summary of operations under WFO No. 98, which restricted sales of corn in 125 counties of five Midwest states, shows that in excess of 50,000,000 bushels of corn have already been delivered or sold to processors under the program, and nearly 18,000,000 bushels are under contract but still undelivered. States offerings of corn for sale to the government are:—

	Bushels
Illinois	27,495,976
Indiana	1,306,537
Iowa	30,278,118
Minnesota	2,616,785
Nebraska	6,133,932
Total	67,831,348

On May 1, wet processors had less than 3,000,000 bushels of corn on hand —of the nine processors certified as making critical war products, four had less than a one week's supply on hand.

Tanning Materials

Divi-Divi. — Scarcity of materials here and the difficulty to obtain replacements from primary centers owing to the lack of shipping space continued to feature this market. Late reports from producing centers were to the effect that little improvement was to be expected until September. Meanwhile, tanners are not disposed to follow the market upward, and have increased the use of chestnut and quebracho extracts, as substitutes.

Mangrove Bark.—This market continued tight. Offerings for shipment were scarce and quoted on the basis of $68 to $70 per ton, ex-dock, New York, for shipment from East Africa.

Myrobolans.—Available stocks here were fairly liberal and adequate to meet consumers' requirements. Demand was spasmodic.

Quebracho.—Although stocks here were replenished by the arrival of some 67,385 bags, which were delivered against prior contracts, the market was firm under an active demand from tanners who were substituting this product for other scarce materials.

Valonia.—Conditions in this market were unchanged with stocks here unavailable and little prospect of obtaining replacements until after the European war. Advices from Turkey stated the market there was highly inflationary with bulk of supplies going to England and Germany at prices in the neighborhood of $1 per pound.

Wattle Bark.—Inquiry for replacements has slackened owing to the difficulty in obtaining offers for shipment and the upward trend of values at primary markets. Recent reports from abroad stated that shipments to this country during the balance of the year would be light as the bulk of supplies will be routed to other countries. Some improvement may be expected after the turn of the year, it was stated.

For Current prices see alphabetical listing beginning on page 9.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
264.5	264.5	262.8	277.1

ALBUMENS

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. . . always Uniform

. . . always Dependable

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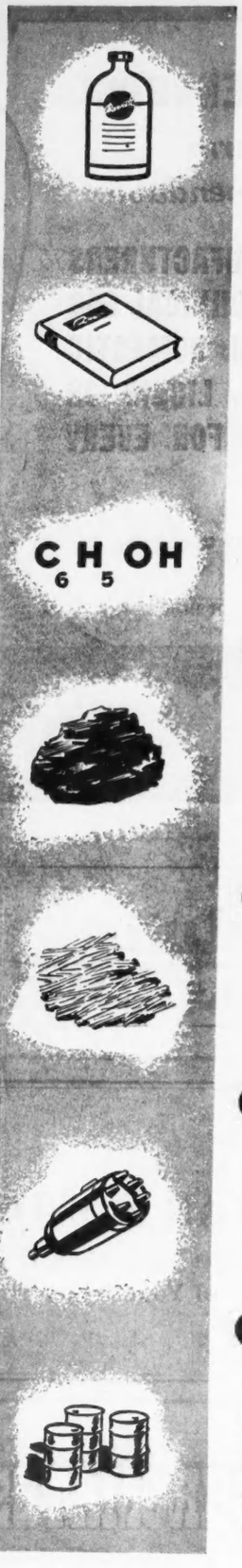
MUTUAL CHEMICAL COMPANY OF AMERICA
270 MADISON AVENUE NEW YORK 16, N.Y.
CHROMIUM CHEMICALS

OPD—7-24-1944 35

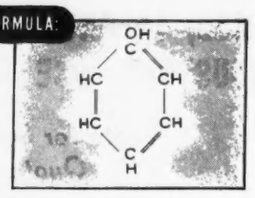
PHENOL



DEFINITION: Phenol is a weak acid derived from benzene through the replacement of one hydrogen atom of benzene by the hydroxyl group. It is the simplest member of one of the most important groups of compounds in organic chemistry. Also known as hydroxybenzene, and carbolic acid.

HISTORY: Phenol was discovered in coal-tar by Runge in 1834; Laurent first obtained it in pure crystalline condition in 1841 and named it phenic acid.

FORMULA:



C_6H_5OH

SOURCES: The first commercial source was that fraction of coal-tar which distills approximately from 160°-220°C. This is still an important source but the largest portion of U. S. production is now made synthetically from benzene. Also found in nature as a degradation product of proteins. The proportion of phenol in coal-tar ranges from 0.1% to 1.0%.

CHARACTERISTICS: Chemically pure phenol forms clear, hygroscopic needle-like crystals having a sweet odor. If even slightly impure it assumes a pink color. It dissolves in water and most organic solvents. It is strongly caustic to the skin.

USES: Phenol is used in the manufacture of dyestuffs; in mixtures with cresol for refining lubricating oils; for manufacture of picric acid and other chemicals; also in preparation of medicinal products. Principal use is in phenol-formaldehyde resins for plastics, molding compounds and other synthetic resins.

GRADES: U.S.P. (Natural and Synthetic), pure white crystalline with 40°C minimum m.p.; Technical-light colored, 97% phenol content, with 39° minimum m.p.; Technical—90-92% phenol, minimum m.p. 36°C; Technical—82-84% phenol, minimum m.p. 30.5°C. All grades also sold in liquid form containing 8-15% water.

NOTE: Deliveries today are restricted by the primary requirements of phenol for war uses.

This is one of a series of advertisements presenting information on basic coal-tar chemicals.

Awarded to the men and women of the Barrett Frankford Chemicals plant for excellence in the production of war materials.

THE BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 Rector Street, New York 6, N. Y.
The Barrett Company, Ltd., 5551 St. Hubert Street, Montreal, Que.

ONE OF AMERICA'S GREAT BASIC BUSINESSES

Coaltar Chemicals

Buying interest continued active in most of the coaltar chemicals last week. Supply conditions in the major basic materials did not improve as withdrawals were heavy enough to tax production. The pinch in basic products was reflected in the various intermediates and so on through the acids. Hydrogenated solvents appeared in slightly better supply owing to a less urgent call from consumers. It appeared that the recent shortages of these materials inspired the use of substitutes and their consequent installment has taken the edge from demand, temporarily at least.

Steel operations for the week beginning July 17 were scheduled at 97.2 percent of ingot capacity, compared with 95.7 percent for the previous week, according to the American Iron and Steel Institute. A month ago the indicated rate was 97.3 percent. The current schedule is equivalent to a production of 1,741,000 tons of ingots and castings for the week, compared with 1,714,300 tons for the preceding week. A month ago production was 1,742,900 tons, and for the corresponding week a year ago 1,702,200 tons.

OPA has issued notice that the designation, "section 5.2(g)," in amendment 66 to SR1 to GMPR relating to benzol, toluol, and xylol should be "section 5.2(i)."

July allocations, as released by WPB, start on page 7 in this issue.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
129.2	129.2	129.2	129.2

Basic Products

Benzol.—Heavy shipments of this material for essential uses have taxed production and kept the market in a tight supply position. WPB allocations for July showed grants of 2,157,382 gallons for use in the manufacture of synthetic phenol. Last month the allocation was 2,190,000 gallons. Nitrobenzene for other than anilin and phenol, received 75,150 gallons against 96,313 gallons in June. Anilin received 772,700 gallons compared with 825,252 gallons in June, while chlorobenzene was allotted 480,780 gallons against 411,726 gallons in June.

Coaltar.—Allocations for July were about the same as in June. Permission was granted for use, under order M-297, for fuel oil when the latter is not available, where relief is required as a substitute for fuel oil and where crude tar is essential for specific requirements.

Creosote Oil.—Steady production kept supply situation favorable. Manpower shortage continued to be felt in wood processing industry where curtailed activities have been reflected in moderate creosote movement. Market's price position was unchanged.

Cresylic Acid.—Call for domestic for disinfectant uses held seasonal average. Shipments for synthetic resin uses reported steady. Supplies of imported remained sufficient to take care of essential wants.

Naphthalene.—WPB allocated 627,000 pounds for July shipment to producers of betanaphthol, phthalic anhydride and other dye intermediates. The amount compares with 621,000 pounds for June. Chemical industry was granted 92 percent of requests amounting to 1,187,000 pounds against 1,231,000 pounds in June. Agricultural insecticides received 95,000 pounds, compared with 75,000 pounds in June. For total moth prevention 48 percent of total requests were granted and adjusted to base period ratio against 67 percent in June.

Phenol.—July allocations covered 260,000 pounds for dyestuffs against 163,000 pounds in June. For chemical manufacturing, the allocation amounted to 715,000 pounds, which was the same amount allocated in June. Disinfectants and insecticides received 260,000 pounds for July against 240,000 pounds in June. Plastics, plasticizers, salicylates and other medicinals were allocated 218,000 pounds in July against 136,000 pounds in June. Supply situation appeared sufficient to take care of allocations without difficulty.

Toluol.—Dyes and intermediates were granted 77,551 gallons by WPB for July allocation against 108,808 gallons in June. Cable coatings and saturants received 61,641 gallons compared with 69,804 gallons for June. Miscellaneous protective coatings were allocated 63,066 gallons against 42,837 gallons in June. Miscellaneous solvents were given 67,222 gallons compared with 67,238 gallons in June. Supply situation remained tight, owing to heavy consuming demand.

Xylol.—Heavy demand for protective coatings and for uses in the manufacture of dyes and intermediates as well as the miscellaneous requirements prevented any visible improvement in the supply situation. Buying conditions continued definitely tight.

Chicago, July 21.—Coaltar bases are in good call, with market position in general firm to strong. Active market interest is indicated on the part of sellers. Benzol is still attracting much market attention. Ruling prices exclusive of tax are:—Benzol, pure, in tankcars, freight allowed up to 2c. per gallon, 15c. per gallon; toluol, 2-degree, same basis, 28c.; 10-degree xylol, same basis, 30c.; industrial xylol, same basis, 27c.; solvent naphtha, same basis, 27c.; creosote oil, grade 1, 15½c.

Hydrogenated Solvents

Cyclohexanol.—Consuming demand not quite as urgent. Supply situation able to take care of requirements without unusual difficulty.

Cyclohexanone. — Slight easement noted in the supply situation owing to requirements in certain lines being satisfied. Supply position sensitive and might change at any time on increased demand for essential use.

Methylcyclohexanol.—Regular consumers appeared to have requirements well covered, temporarily, at least. Buying conditions appeared slightly better.

Coaltar Acids

Anthranilic. — Movement confined chiefly to consumers making essential products. Shipments sufficiently heavy to hold buying conditions tight.

Benzoic.—Technical grade continued in limited supply owing to difficulty in securing basic material. Steady position of market sustained.

Broenner's.—Demand from regular consumers has absorbed production and prevented any expansion in the available supply.

Fumaric.—Shipments for resinous compounds and other essential materials reported steady. Available supply limited. WPB allocated 10,000 pounds of maleic anhydride for manufacture of fumaric acid during July. In June, 61,000 pounds of maleic anhydride were allocated.

Gamma.—Output was routed chiefly to the manufacturers of dyestuffs. Supply remained at a relatively low level with prices revealing no appreciable change.

Other Intermediates

Anilin.—July allocations of oil were somewhat lower for the manufacture of rubber chemicals. The amount was 3,137,000 pounds against 3,350,000 pounds for June. Dyestuffs and intermediates were 1,797,000 pounds for July compared with 1,318,000 pounds for June. Explosives and stabilizers received 699,000 pounds for July against 597,000 pounds in June. The amount for plastics and resins was 225,000 pounds for July against 155,000 pounds for June. The fur dyeing industry received 72 percent of requests for anilin salt and to the extent of 85 percent for other dyestuffs. The latter compares with 78 percent for June.

Benzaldehyde.—July allocations of the technical grade were increased. For medicinals, drugs and photographic chemicals, 100 percent of requests was granted. Other civilian uses received 50 percent. In June only 34 percent of all civilian requests were granted by WPB.

Diphenylamine. — Production has caught up with demand and WPB granted all July requests in full. Con-

For Current prices see alphabetical listing beginning on page 9.

Coke By-Products

Estimates of by-product coke-oven operations in the week ended July 15 indicate the following output of by-products from that source:—

Ammonia sulphate	lbs.	39,576,535
Benzol	gals.	3,882,508
Coaltar	gals.	15,154,306
Creosote oil	gals.	801,550
Naphthalene	lbs.	1,690,770
Phenol	lbs.	225,436
Toluol	gals.	776,502
Xylol	gals.	175,339

ditions were practically the same throughout the month of June.

Orthocresol. — Active demand reported for use in the manufacture of plastics and agricultural insecticides. WPB granted no allocation for use in coumarin either in July or June.

Orthotoluidine.—Shortage of basic material has prevented any improvement in supply situation. Market held tight position.

Paradichlorobenzene.—No improvement in the supply situation could be noted. Demand for mothproofing has expanded beyond the production limit and the market held a definitely tight position with no indication of early easement.

Phthalic Anhydride. — Total allocations for July amounted to 12,478,270 pounds. Requests were granted for 64 percent of alkyd resins against 64 percent in June. Esters received 89 percent compared with 85 percent in June. Dyes were allotted 79 percent against 77 percent in June and chemical intermediates 42 percent compared with 77 percent in June.

Pyridine.—Firm under a steady miscellaneous demand emanating from the manufacturers of vitamins, medicinals and sulfa drugs and also from

—Continued on page 38

Van Pels Opens Office

Max van Pels, identified with the chemical industry for more than thirty years and more recently associated with the New York office of the Stauffer Chemical Company, has opened offices at 441 Lexington avenue, New York, for the importation and exportation of drugs, chemicals, botanicals, gums, etc.

Rubber in Postwar

—Continued from page 3

are to be "purely exploratory" in character and said that the principal job of the delegation will be to draft a tentative program of studies to be made by officials of the three governments as a basis for possible further discussions. The department said also that it was prepared to engage in similar discussions with any other interested government as occasion may arise.

Advantage will also be taken at the meeting of the opportunity to discuss the desirability of establishing a committee to keep the crude and synthetic rubber situation under survey, it was added, with a view to eventual consideration of postwar problems affecting rubber.

Although it was noted that no representatives of the petroleum industry, which is vitally interested in the synthetic rubber problem from the standpoint of the production of butadien, basic material for synthetic rubber, were named to the advisory group, the department made it plain that the petroleum industry is to be kept fully informed of developments. The day following the announcement that the initial talks on rubber would soon open, the department met with petroleum industry representatives to acquaint them with the plans with regard to the talks.

WPB Output Cutbacks

—Continued from page 3

than 10 percent were between $500,000 and $1,000,000; some 62 percent were between $100,000 and $500,000, and about five percent were under $100,000.

While the contracts of $200,000 are not reviewed before the cutback is imposed by the procurement service, the staff requires notification prior to the action, and so can move to place alternative work in the plant, to recruit any workers who may be freed, and generally to take all possible steps to aid the affected contractor.

The determination to cut back a particular program is made by the procurement agencies—the Army, the Navy, and Maritime Commission—on the basis of changing military requirements.

Join the American Red Cross

Chemical Allocations

—Continued from page 34

agents, 192,000 pounds; miscellaneous uses, 59,000 pounds.

Petroleum Cresylic Acid:—Allocated for tricresyl phosphate; ore flotation; plastics; carbon remover (100 percent), 42,000 pounds; disinfectants (88 percent), 166,000 pounds; miscellaneous uses (97 percent), 156,000 pounds.

Cyanamid

For direct application fertilizer use—in accordance with the recommendation of the War Food Administration, a limited quantity of cyanamid for direct application will be available during the 1944-45 fiscal year for the following uses, in the areas specified:—(1) Tobacco plant beds. Maryland, Virginia, Georgia, North Carolina, South Carolina, Tennessee, Pennsylvania, Connecticut, Wisconsin, Kentucky, Ohio. (2) Pink rot control in Florida for beans and celery. (3) Weed control in New England. (4) General crops. Cyanamid taken in accordance with this offer must be used for the purpose for which it is allocated, and none may be used in the manufacture of mixed fertilizer.

Diacetone

Requests for civilian uses in July were allocated in full.

Dichlorethyl Ether

All requests granted in full.

Dipentene

Allowed in full for all requests.

Diphenylamine

Production was sufficient to meet all requirements.

Emetine

Granted for medicinal use only—allocated 100 percent of requests.

Ethyl Acetate

The following civilian end uses for protective coatings:—Aircraft, electrical and communication equipment, containers, packages and accessories, 456,567 pounds; industrial machinery, equipment and tools, health, safety and scientific equipment, printing inks, printing, publishing and engraving accessories and photographic material and equipment, 283,718 pounds; public transportation, ambulances and new trucks, 158,616 pounds; women's and infants' sanitary wear, non-allergic pillow cases, surgical adhesive tape and plasters, baby carriage cloth, upholstery (vehicle), case cloth for safety, scientific, precision and optical instrument cases, shoes and transmission belting, 24,986 pounds; laundry equipment and accessories, refrigerators and coolers, hardware and locks, heating equipment, plumbing, baby carriages, clocks, buttons and buckles, map and chart covers and holders, 98,803 pounds; all other civilian uses—allowed a percentage based on former use picture, 1,518,195.

The following civilian end uses were granted 100 percent:—Acetic acid concentrate, 120,000 pounds; ethyl aceto acetate, 400,000 pounds; cellulose acetate plastics, 405,497 pounds; cements and adhesives, 67,830 pounds; drugs and pharmaceuticals, 110,005 pounds; denaturants, 514,029 pounds; research and laboratory, 7,660 pounds; resin solution, 8,700 pounds; smokeless powder, 20,000 pounds; solvent solutions, 234,000 pounds.

Ethyl Alcohol

The general policy of the allocation was to limit allocations on the basis of the percentage limitations incorporated in M-30. Where users of alcohol requested it for important military uses and had no quota under M-30, they were allocated sufficient alcohol to cover their requirements. Where the request for alcohol was for a use which was both military and civilian (for example, flavoring extracts, nitrocellulose, lacquers, shellac, inks) the applicants were granted allocations on the basis of their 1940 consumption and are expected to fill military orders out of these allocations.

Summary of third quarter allocations is as follows (amounts shown in wine gallons):—Acetaldehyde and acetic acid, 16,782,816; adhesives, 329,290; antiseptics (oral) and mouth washes, 75,026; basic medicural chemicals, 843,293; biologicals, 57,613; cleaning and polishing, 201,738; cutting oils, 38,339; drugs and pharmaceuticals, 397,560; dyes and intermediates, 240,691; ethers, 1,218,603; ethyl acetate, 2,603,982; ethyl chloride, 2,000,000; other ethyl esters, 371,241; ethylene dibromide, 1,326,400; ethylene gas, 213,517; explosives (non military), 22,000; food products (excl. extracts and pectin), 213,434; flotation agents, 158,830; fulminate of mercury, 59,900; hydrosulfites, 71,000; inks, 230,235; laboratory and experimental, 35,880; nitrocellulose (dehydrating), 694,371; nitrocellulose (dissolving), 1,626,480; photographic products, 96,204; proprionic acid, 258,000; rubbing alcohol, 44,256; toiletries and cosmetics, 274,360; vinegar, 788,932; plastics and synthetic resins, 3,076,533; shellac, 864,475; other products, 3,078,533. The bulk of allocations for "other products" is for such uses as processing blood plasma, self-sealing fuel cells, rubber chemicals, plasticizers, mold spray, solder flux and petroleum sulfonates.

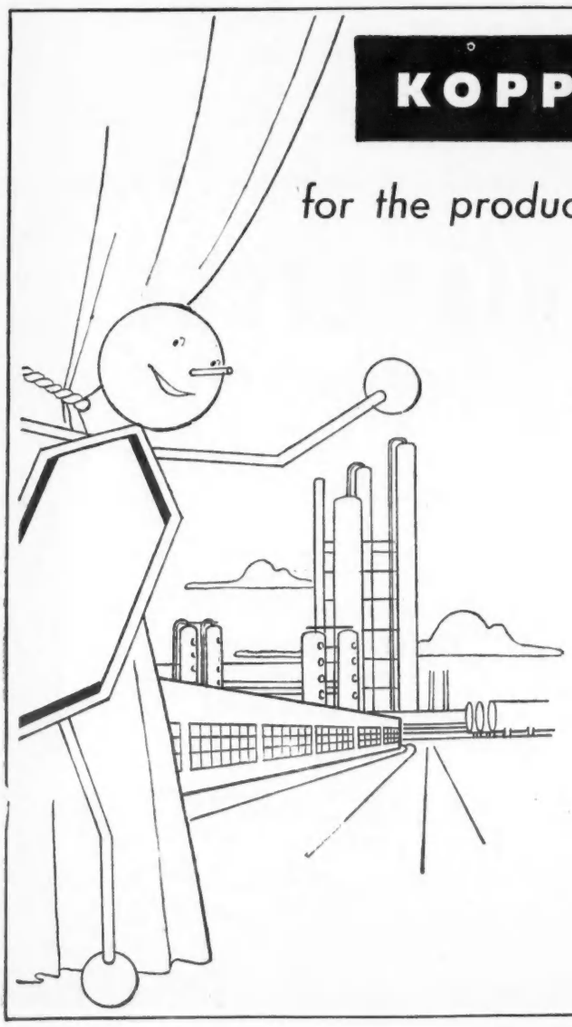
—Continued on page 38

KOPPERS announces increased facilities

for the production of

Pyridine bases

(TAR BASES)



New plant facilities will make possible the production of increased quantities of pyridine bases, including alpha picoline; mixtures of beta picoline, gamma picoline and 2,6 lutidine; 2,4 lutidine; close boiling fractions boiling within the range 160-200°C.; quinoline and mixed quinaldines.

Pyridine bases are used in the production of pharmaceuticals including the sulfa-drugs, nicotinic acid and nicotinic acid amide; as solvents; as sources of copolymerizing materials for synthetic rubber; in the manufacture of textile waterproofing compounds and in compounding pickling inhibitors.

The greater availability of these pyridine bases should encourage the development of many other uses for them. Koppers will be glad to furnish samples of these bases and will assist in the selection of suitable grades for specific purposes. Request samples from Koppers Co., Tar and Chemical Division, Pittsburgh 19, Pa.

KOPPERS

THE INDUSTRY THAT SERVES ALL INDUSTRY

Coaltar Chemicals

—*Continued from page 37*

producers of chemicals used in the synthetic rubber industry.

Coaltar Colors

Buying conditions generally remained tight. Difficulty in securing basic materials under current regulations and restrictions has not been conducive to elaborate production. Meanwhile, essential requirements have been satisfied, although no visible increase could be noted in the available supply.

Spectrophotometry Bulletin Distributed by Calco

The research department of the Calco Chemical Division of the American Cyanamid Company has prepared technical bulletins on "Spectrophotometry and the Colorist" and "Identification of Organic Pigments by Spectrophotometic Curve Shape." Copies of these bulletins may be secured by addressing the advertising department, Calco Chemical Division, American Cyanamid Company, Bound Brook, N. J.

Chemical Allocations

—*Continued from page 37*

Total authorizations given to suppliers to deliver alcohol to users who had filed properly executed certificates with them:—C (1), 1,185,695; C (2), 395,846; C (3), 40,543; C (4), 545,482; C (5), 178,018; C (6), 57,224; C (7), 66,804; D (1), 1,306,751; D (2), 1,000.

Ethylcellulose

Allocated to the following civilian uses:—1, sterilizable adhesive backing, 100 percent of request; 2, photo engraving stripping solution, 100 percent of previously established usage; 3, ceramic labeling compound, 100 percent of previously established usage; 4, X-ray screen cement, 100 percent of request.

Formaldehyde

Allocated for civilian use for July in the amounts shown below:—Drugs and pharmaceuticals, 63,000 pounds; dyes and intermediates, 394,108 pounds; embalming fluid, 123,350 pounds; leather, 78,900 pounds; resale, 532,450 pounds; rubber chemicals, 182,900 pounds; textiles, 772,760 pounds; miscellaneous, 193,088 pounds. Granted 100 percent for adhesives, disinfectants and germicides, fungicides and insecticides, miscellaneous resins, paper, photographic chemicals, protective coatings, research.

Furfural

All civilian requests were granted in full.

Gasoline Gum Inhibitors

Allocated 100 percent for essential civilian use during July.

Glycols

Triethyleneglycol:—Civilian requests for chemical manufacture were cut 50 percent and soluble oils were cut 40 percent.

Propyleneglycol, Diethylene Glycol, Diglycol (Mixed):—All civilian requests were granted in full, with the exception of requests for inventory. These requests were denied.

Ethyleneglycol:—Civilian requests for anti-freeze and cellophane were allocated according to previously arranged schedules. Other civilian requests were granted in full.

Ethyleneglycol (Mixed):—Civilian requests for anti-freeze were allocated according to previously arranged schedules. Other civilian requests were granted in full.

Hexahydric Alcohols (June 15 to July 14)

Crystalline Sorbitol:—Requests were filled as follows:—Ascorbic acid, resale, and small orders, 100 percent; pharmaceuticals, 75 percent; foods, 55 percent.

Technical Sorbitol Syrup:—Ascorbic acid, 100 percent of present capacity; crystalline sorbitol manufacture, small orders, esters, export, 100 percent; sorbose, 100 percent of established needs; foods, 50 percent.

Mannitol:—All requests granted in full.

'Arlex':—All requests granted in full.

"B" Grade Sorbitol:—All requests granted in full.

Allocations were made with adjustments for standard shipping container size and inventories of applicants.

Hexamethylenetetramine

Allocated 100 percent for essential civilian uses during July.

Higher Aliphatic Alcohols

Capryl Alcohol:—All civilian requests were allowed.

2 Ethyl Hexanol:—All civilian requests were allowed.

n-Octanol:—The total civilian requests for n-Octanol were cut 60 percent.

n-Decanol:—The total civilian requests were cut 50 percent.

Lauryl Alcohol:—The total civilian requests were cut 75 percent.

Hydrofluoric Acid, Anhydrous

All essential requirements for anhydrous hydrofluoric acid in July were allocated in full.

Ipecac

Granted for medicinal use only. Allocated 54 percent of requests.

Isobutyl Alcohol

All civilian requests were allocated in full with the exception of lacquer and lacquer thinners, which were denied.

Isopropyl Acetate

The following civilian end-uses for protective coatings were allowed:—Aircraft, electrical and communication equipment and containers, packages and accessories; industrial machinery, equipment and tools, health, safety and scientific equipment, printing inks, printing, publishing and engraving accessories, and photographic material and equipment; public transportation, ambulances and new trucks; women's and infants' sanitary wear, non-allergic pillow cases, surgical adhesive tape and plasters, baby carriage cloth, upholstery (vehicle), case cloth for safety, scientific, precision and optical instrument cases, shoes, and transmission belting; laundry equipment and accessories, refrigerators and coolers, hardware and locks, heating equipment, plumbing, baby carriages, clocks, buttons and buckles, and chart covers and holders; all other civilian uses allowed a percentage based on former use.

The following civilian end-uses were allowed:—Acetic acid, acetic anhydride, miscellaneous mixtures, shoe cements, laminating adhesives, rubber compounds, lube oils.

Isopropyl Alcohol, 91 Percent

Requests for window cleaner were denied. Cosmetics were given 25 percent of their request and rubbing alcohol requests were granted one-twelfth of their best year consumption as shown in table V of WPB 2945.

Isopropyl Alcohol, 95 Percent

All requests were granted 100 percent.

Isopropyl Alcohol, 99 Percent

Cosmetics, rubbing alcohol, window cleaner and civilian non-essential requests were denied. All other requests were granted 100 percent.

Lithium Compounds

Requests for July were granted in full.

Maleic Acid

Granted 100 percent requests for cellophane, miscellaneous, and fumaric acid.

Maleic Anhydride

Allocations for July were as follows:—Export and lend-lease, 23 pounds or 99 percent of requests; coated abrasives, 10,505 pounds or 100 percent; research

—*Continued on page 49*

INDUSTRIAL and REAGENT CHEMICALS
COAL TAR PRODUCTS
PHONE GRANT 3750
CHEMICAL SALES CORPORATION OF PITTSBURGH
1900 GRANT BUILDING
CHEMICAL SALES CORPORATION
PITTSBURGH (19,) PENNSYLVANIA

REPUBLIC BENZOLS
1° - 2° - 90% - MOTOR
REPUBLIC STEEL
REG. U.S. PAT. OFF.
ALSO
TOLUOLS
Nitration-Commercial
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R.W. Greeff & Co. Inc. RWG New York, U.S.A.
INDUSTRIAL AND PHARMACEUTICAL Chemicals
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SHELL UNION OIL CORP.
R.W. GREEFF & CO.
10 ROCKEFELLER PLAZA
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TRIBUNE TOWER
CHICAGO, ILL.

Protective Coatings Materials

Though war orders continue to run to such a huge aggregate as to make it unnecessary for paint, varnish and lacquer manufacturers and those supplying all manner of protective coatings materials to seek greatly expanded outlets for their products among non-military users, the movement toward building up a large business along these lines among civilian consumers is nonetheless being accelerated with indefatigable zeal by all these interests in the belief that they can thereby obviate a diminution in the volume of sales when the government authorities begin heavy cutbacks in their procurements.

Much of the new civilian business now being lined up for this purpose cannot yet be handled, because of lack of sufficient manpower and increasing restrictions on the sale of numerous materials in non-military channels. Nevertheless, notable progress is being made in this direction.

Besides the unexpectedly prolonged Summer campaign of maintenance painting, which continues to call for and utilize an unprecedentedly large amount of painters' supplies, many new opportunities for swelling sales of paint materials and finished paints and varnishes for civilian coating purposes are now developing. Though some of these sales potentialities are still in the blueprint stage, others are already at hand. Continuing the rise recorded in May, building permit values for June have mounted sharply above those for the corresponding month of last year. The aggregate of building permit values for last month, for 215 cities regularly reporting to Dun & Bradstreet, is shown to have totaled $58,178,950, or 46.2 percent more than for June, 1943.

And, among the postwar potentialities there now looms a backlog of more than $6,500,000,000 in heavy engineering construction in thirty-seven States east of the Rocky Mountains while in the field of industrial construction, there are 1,045 manufacturing projects showing an aggregate cost of $164,201,000, all requiring large amounts of protective coatings.

Metallic Lead and Zinc

Although war orders in metallic lead continue to reach proportions well in excess of the current rate of domestic production and importations, the stockpile of the Defense Supplies Corporation is still sufficiently large to obviate recourse to the imposition of new restrictions on takings by non-military consumers, with the result that lead oxidizers and other lead pigment makers are still able to fill their requirements, unimpeded by any new use limitation barriers. Quotations for pig lead have continued unchanged for the week July 14-21 at 6.35c. per pound in St. Louis and 6.50c. in New York.

Although there is still a plentiful supply of zinc ore, stocks of zinc slabs continue insufficient for all essential industry as well as war purposes, despite strenuous efforts on the part of the smelters and refineries to swell the aggregate output of these slabs. Hence, consumers are still compelled to present priority ratings to procure the quantities they need. Prices of zinc slabs have remained unaltered for the week July 14-21 at 8.25c. per pound in East St. Louis and 8.66c. in New York.

Pigments

Lithopone.—Further easing of the abnormally tight supply situation in this material is noted with the continued carrying out of the provisions of WPB's amended order M-353, regulating the distribution of all zinc sulphide pigments, which permits the filling of non-military orders rated below AA-2 on unrated orders to the extent allowed by priorities regulation No. 1, after 100 percent allocations have been made on ratings of AA-2 or better.

Red Lead.—In unabatedly brisk request. Market holding steady.

Market Trends

Prices Advanced

Alphapinene, ¼c. per gal.
Rosin, gum, 2c. to 13c. per 100 lbs.
Turpentine, gum, ¼c. per gal.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
140.2	140.2	140.2	140.2

White Lead.—Both basic lead carbonate and basic lead sulphate continue moving steadily into consuming channels, with prices strongly maintained throughout the list. Census Bureau's preliminary figures on production, consumption and inventories for May show an output of basic lead carbonate for that month of 5,688 short tons and stocks on hand as of May 31 amounting to 7,241 short tons. That statistical bureau's preliminary compilation on the production and stocks of basic lead sulphate for May reveals a yield of 1,425 short tons and an inventory of this material on May 31 of 1,609 short tons.

Fillers and Extenders

Asbestos.—A steady movement of Canadian and domestic material continues to be noted, with prices firmly held.

Barytes. — Wetground barytes at sources in Missouri is still in fairly plentiful supply, despite the unrelieved shortage of dryground material in the South. Market stable.

Diatomaceous Earth.—In light inquiry, with a steady undertone.

Gypsum.—Continues in fair request. Market stable.

Mica.—All types of ground scrap mica, dryground, wetground and finely pulverized, are being steadily absorbed by the paint trade. Prices well maintained throughout the list.

Dry and Chemical Colors

Carbon Blacks.—Inasmuch as the recently issued allocation order M-300 is designed to regulate only the distribution of channel blacks known as rubber grades, by bringing them under allocation, together with the furnace type carbon blacks, most paint makers are still unrestricted in their purchases of channel types not included in this category. However, in instances where paint manufacturers are attempting to procure types covered by this order, suppliers cannot make deliveries without WPB authorization. In June there was no abatement of the shrinkage of inventories, stocks on hand showing a reduction of 13,325,000 pounds to 118,769,000 pounds at the close of that month, inasmuch as shipments reached 45,642,000 pounds while production totaled only 32,317,000 pounds.

Chrome Colors.—Despite the slight easing of the restrictions on the procurement of Class A pigments by manufacturers of crayons whose quota of permissible purchases has been increased from 6½ percent to 12½ percent, there is still a shortage in zinc chromate yellow, now under tight allocation control, while even the unallocated but otherwise restricted chrome colors also continue in very light supply.

Naval Stores

Conflicting currents have continued to run strongly in the naval stores market within the last week, with the result that turpentine has held up well around previously - attained price levels, inasmuch as there has been little pressure to sell and virtually all offerings have been taken up at substantially the same price, while rosin has been jiggled up and down the price scale, amid an avalanche of offerings which, however, have been withheld when the prices bid for it have not been high enough to suit the rosin processors, as potential sellers, and when consumers have felt impelled to replenish depleted inventories at progressively advancing prices.

Turpentine.—Although the slight bulge in the price of turpentine, which occurred at the close of the previous week, was levelled off to 76 cents per gallon on the Savannah exchange at

For current prices see alphabetical listing beginning on page 9.

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Color	10-11	12-13
Viscosity at 25 C (G-H)	X-Z	X-Z
Acid Number	58-62	58-62
Total Solids	61-63%	61-63%
Combined Lime Ca OH_2 Approx.	5%	5%
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the outset of last week's trading, there was no further evidence of an easing tendency in the market for this liquid pine product in the succeeding four days' trading. Offerings were taken in their entirety and sellers appeared satisfied, temporarily at least, to part with their holdings around that figure until near the close of the week, when there was an uplift to 76¼ cents. In the local market, however, purchases were limited.

Savannah, July 21.—Following is a record of the market for the week:—

	Bulk gallons— Cents.	Sales.	Barrels— Receipts.	Shipments.	On hand.
Monday ..	76	2,400	54	...	29,621
Tuesday ..	76	8,000	154	568	29,207
Wednesday.	76	3,950	100	...	29,316
Thursday..	76¼	2,700	52	...	29,368
Friday ...	76¼	3,750	111	209	29,270

Rosin.—Although the quantities of rosins offered on each of the five trading days on the Savannah exchange last week were fully five times the amount actually purchased, most processors have continued reluctant to dispose of their holdings at the prices prevailing on that exchange, preferring in a majority of instances to await the realization of the price levels nearer to those named in the OPA's sixty-day ceilings. But, despite, the unwillingness of most consumers to pay even slightly higher prices, there has been a fairly steady markup of the figures bid for the various types of rosin constituting the list, which, while of negligibly small character in the B to M grades, reached considerably larger size in the N, WG, WW and X grades. The opinion prevailed that the present dragging nature of the market for rosins on the Savannah exchange will be converted into a scene of considerable activity if, on or about August 25, it becomes evident that the price ceilings fixed in the sixty-day schedule are to be continued indefinitely on the levels established in that schedule or at still higher levels. Locally, there was a pronounced tendency on the part of buyers to wait for a renewed recession in prices; hence purchases, made at the New York price differentials, of 65 cents above the Savannah prices, in carload lots, and 90 cents higher for less than carload lots, have generally been confined to less than car lots.

Savannah, July 21.—Following is a record of the market for the week:—

	Price per unit— Low of range quoted Mon.	Tues.	Wed.	Thurs.	Fri.
B	$4.65	$4.65	$4.67	$4.70	$4.72
D	4.75	4.76	4.78	4.80	4.82
E	5.33	5.35	5.40	5.42	5.44
F	5.39	5.42	5.45	5.47	5.48
G	5.41	5.43	5.50	5.52	5.54
H	5.48	5.50	5.52	5.56	5.58
I	5.48	5.50	5.52	5.56	5.58
K	5.48	5.50	5.52	5.56	5.58
M	5.48	5.50	5.52	5.56	5.58
N	5.70	5.70	5.71	5.73	5.75
WG	5.75	5.75	5.76	5.78	5.80
WW	6.00	6.02	6.05	6.07	6.09
X	6.00	6.02	6.05	6.07	6.09
	Barrels—				
Sales	89	259	415	133	163
Receipts ..	74	414	225	389	155
Shipments..	...	100	409	80	300
Stocks	14,684	14,998	14,814	15,114	14,969

Driers and Flatteners

With no definite relief in sight from the tight supply position of naphthenic acid, WPB has continued its restrictive allocation policy on naphthenates to the extent that for the current month it has denied approximately 50 percent of the total of civilian requests for authorization to buy these driers.

With a majority of paint and varnish makers thus cut off from the source of supply in the naphthenates, increasing recourse is being had to the tallates. Only a light routine business is reported in soyates.

Stearates still lead the list of flatteners in activity and strength, with only a small movement of laurates now noted.

Lacquer Materials

Acetone.—WPB's action in cutting down allocations of acetone for civilian uses, in order to insure an adequate supply for the constantly mounting war requirements, has resulted in a stiffening of the market for this material, despite a tapering off of the demand from lacquer makers. WPB's Chemicals Bureau's July allocations to civilian users show that for lacquers and thinners only 414,000 pounds have been allotted for this month.

Butyl Alcohol.—Conditions in this material are virtually the same as those prevailing in acetone, inasmuch as WPB has sharply reduced July allocations of this material as well as of butyl acetate for lacquer solvents, for civilian requirements, because of the hugely increased military and lend-lease demands. The Chemicals Bureau has advised protective coating manufacturers to purchase the full quantities of their allotments of this material as well as of butyl acetate from producers. For printing inks, printing, publishing and engraving accessories. WPB's July allocations of normal butyl alcohol amounted to only 108,601 pounds while its allocations of secondary butyl alcohol for these end-uses totaled only 9,959 pounds.

Synthetic Resins

Interest in the market for synthetic resins has been divided this past week between a study of the allocations made by the Chemicals Bureau of the War Production Board for July and the further clarification by WPB's Protective Coatings Branch of the provisions of its order M-139 on paints containing phthalic alkyd resins, to which brief reference was made in the July 17 issue of *OPD*.

Now, WPB has ruled that a monthly allotment of alkyd resin, to be used in filling emergency orders for the military end-uses that have been approved during the two preceding calendar months on Form WPB-2945, has replaced interim applications for such materials, but has also stated that the usual interim application will still be necessary in the case of end-uses that have not been approved on that form during the preceding two months.

Varnish Gums

Asphaltum.—A routine movement continues to be noted in manjak, gilsonite and petroleum base gums, with prices well maintained.

Copal.—Seemingly insuperable difficulties in procuring shipping space, even in the event of the granting of new licenses to ship this natural Congo resin from the country of its origin, continue to darken the outlook for any substantial replenishment of the fast waning supplies of this gum in the United States, although the Combined Materials Board is still endeavoring to make allotments to the American trade. Meanwhile, varnish makers and processors of resin emulsion paints are still buying moderate quantities of the available stocks and thereby bringing about a further depletion of inventories here.

Shellac.—With initial procurements of shellac by the British Ministry of Supply for the Defense Supplies Corporation and shipments into the United States by government authorities continuing in fairly sizable volume and at a moderately steady rate, local importers and processors are extremely busy endeavoring to meet the calmorous calls for this natural resin from domestic consumers and for export. But, although the stockpiling division of WPB has authorized the Defense Supplies Corporation to sell its stock down to 10,000,000 pounds, the latter government agency continues to limit its release of bleached grades to the trade to 500,000 pounds per month, which does not constitute more than a third of the amount that the trade needs to fill the proffered orders. Some speculation is being indulged in as to whether OPA price ceilings will be rescinded when the government authorities return importing privileges to the trade, at the close of September, but it is the consensus of leading importers that these price ceilings will not be removed coincidentally with the government's withdrawal from the purchasing and shipping of lac into this country "not later than October 1," although the lifting of these maximum price limitations may, and probably will be, effected eventually—but presumably not until after the end of the war in the Far East. The scanty supply of commercial (specially denatured) alcohol alotted to the shellac trade continues to obsess processors. In this connection it is noteworthy that WPB's July allocations amount to only 864,475 gallons.

One important phase of fire-proofing in war, the treatment of life preserver jackets, points the way to the flame-proofing of building tarpaulins and many other textiles in the post-war period.

THE extensive use of textiles in war demanded improved "fire-proofing" technique, as well as more permanent fire-retardant treatments. To meet this demand, our Laboratories developed Zinc Borate-3167 for use in those fire-resistant compositions that also offer resistance to mildew, weathering, water and other solubilizing agents. Zinc Borate-3167 has been widely used to provide flame and afterglow resistance in impregnating and coating compositions for application on canvas, duck, drill, osnaburg cloth and shrimp netting, with highly satisfactory results.

The fabric is impregnated by dipping into the fire-proofing mixture (which includes the color pigments), and then passed through squeeze rolls or doctor blades set to control uniform application and the desired increase in the weight of the fabric. Since the fire-retardant compound is non-aqueous, shrinkage is not a problem.

POSTWAR APPLICATIONS

Our Laboratories are continuing research and development work on the use of Zinc Borate-3167 in paints, synthetic rubbers, and plastics. *Why not investigate the possibilities of using Zinc Borate-3167 in the preparation of such fire-retardant products as paints, building materials, paper, wall boards, floor coverings, draperies, work clothes, aprons and gloves, welders' curtains, awnings, canopies, tarpaulins, upholstery, electric cable sheathing, mechanical rubber goods?*

• An illustrated booklet "Properties and Uses of Zinc Borate-3167, Fire-Retardant" is available on request. Send for your copy today. It offers a possible answer to immediate and postwar "fire-proofing" problems.

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Sta-Rite Lacquer Corp. Penalized by WPB

As a result of violating priorities regulation No. 1, Sta-Rite Lacquer Corporation, Brooklyn, N. Y., has been suspended by the War Production Board beginning July 1 through September 30, 1944, according to R. A. McGovern, regional manager of the Compliance Division of Region 2, of WPB.

From September 1, 1943 through February 22, 1944, this concern wilfully failed to dispose of materials allocated to it by WPB for the purposes authorized in such allocations and also failed to maintain accurate and complete records of its inventories of materials received, as well as of the disposition of such materials. For the 3-month suspension period, Sta-Rite Lacquer Corporation may not use or accept deliveries of butyl alcohol and butyl acetate, aromatic solvents, xylol, ethyl acetate, phthalic acid resins or melamine aldehyde resin. Sta-Rite Lacquer Corporation admits the violations as charged by WPB and has consented to the issuance of the order.

Appley on WMC Committee

Lawrence A. Appley has been appointed a member of the National Management-Labor Committee of the War Manpower Commission. Mr. Appley will serve as member-at-large.

Current Market Quotations

—Continued from page 27

Zinc arsenite,[1] bgs., c.l., frt. alld. E. of Rockies	lb.	.11¾ - .13¼
l.c.l., same basis	lb.	.12¾ - .13¾
Borate, bgs., c.l.	lb.	.12 - —
l.c.l.	lb.	.12½ - —
Carbonate, tech., bbls.	lb.	.14 - .20
USP, precip., powd., bbls.	lb.	.35 - —
dms.	lb.	.40 - —
kgs.	lb.	.37 - —
Chloride, tech., fused, dms., c.l., works	100 lbs.	5.00 - —
l.c.l., works	100 lbs.	5.35 - —
grand., dms., c.l., works	100 lbs.	5.75 - —
l.c.l., works	100 lbs.	6.50 - —
USP, dms.	lb.	.30 - .31
jars	lb.	.25 - .36
solution, 50%, dms., c.l., works	lb.	.0315- —
l.c.l., works	lb.	.04¼- .04½
tanks, works	lb.	.0250- —
Chromate (see Yellow, Zinc).		
Cyanide, kgs., works	lb.	.33 - .37
Dust,[6] bbls., c.l., dlvd	lb.	.1035- —
l.c.l., works	lb.	.1135- —
Fluoride, bbls.	lb.	.25 - .30
Iodide, NF, bots.	lb.	4.54 - —
jars	lb.	4 40 - —
Metal,[1,2,5] (quotations in Paint Market report).		
Naphthenate, 8%-10% Zn, 50-gal. dms.	lb.	.16 - .19½
Laurate, bbls.	lb.	.32 - .33
Oxide, pigment, dom., acicular,[6] bgs., c.l., dlvd.	lb.	.07¼- —
l.c.l., dlvd.	lb.	.07½- —
American process, com'l, lead free,[6], bgs., c.l., dlvd.	lb.	.07¼- —
l.c.l., dlvd.	lb.	.07½- —
leaded, 5%, bgs., c.l., dlvd.	lb.	.07½- —
l.c.l., dlvd.	lb.	.07⅝- —
35% or more, bgs., c.l., dlvd.	lb.	.07 - —
l.c.l., dlvd.	lb.	.07¼- —
French process, com'l, lead free,[6] bgs., c.l., dlvd.	lb.	.07¼- —
l.c.l., dlvd.	lb.	.07½- —
green seal, bgs., c.l., dlvd.,	lb.	.09 - —
l.c.l., dlvd.	lb.	.09¼- —
red seal, bgs., c.l., dlvd.	lb.	.08½- —
l.c.l., dlvd.	lb.	.08⅝- —
white seal, bgs., c.l., dlvd.	lb.	.09½- —
l.c.l., dlvd.	lb.	.09⅝- —
USP,[6] 50-lb. ctns., c.l.	lb.	.10½- —
l.c.l.	lb.	.10⅝- —
Zinc oxide in bbls., ¼c. higher; Pac. cst. c.l., dlvd., and l.c.l. ex whse., ½c. higher		
Resinate, 8.7% Zn, 100-lb. dms.	lb.	.14½- .12
fused, pale, bbls.	lb.	.11 - .12
precipitated, dms., dlvd.	lb.	.15 - —
Silicofluoride, bbls.	lb.	.15 - .18
Separate, tech., ctns., c.l., frt. equald.	lb.	.29 - —
ton lots, frt. equald.	lb.	.30 - —
smaller lots, frt. equald.	lb.	.31 - —
USP (same prices as tech.).		
Sulphate, cryst., bgs., c.l.	100 lbs.	3.60 - —
l.c.l.	100 lbs.	4.35 - —
flake, bgs., c.l.	100 lbs.	4.10 - —
l.c.l.	100 lbs.	4.85 - —
powd., bgs., c.l.	100 lbs.	5.80 - —
l.c.l.	100 lbs.	6.55 - —
Zinc sulphate in bbls., 25c. higher.		
Sulphide,[1,5] pure, bgs., c.l., dlvd.	lb.	.08¼- —
l.c.l., dlvd.	lb.	.08½- —
bbls., c.l., dlvd.	lb.	.08½- —
l.c.l., dlvd.	lb.	.08⅝- —
barium pigment, bgs., c.l., dlvd.	lb.	.0560- —
l.c.l., dlvd.	lb.	.0585- —
calcium pigment, bgs., c.l., dlvd.	lb.	.0560- —
l.c.l., dlvd.	lb.	.0585- —
fluorescent, pigment, works, frt. alld.	lb.	.90 - 1.00
magnesium pigment, bgs., c.l., dlvd.	lb.	.05⅝- —
l.c.l., dlvd.	lb.	.06 - —
Zinc sulphide on Pac. cst. ¼c. higher for pure, ½c. for others.		
Sulphocarbolate, NF, bbls., dms.,	lb.	.28 - .31
Tallate, 5% Zn, 50-gal. dms.	lb.	.09⅝- —
Yellow (see Yellow, zinc).		
Zinc-ammonia chloride, dms., c.l., works	100 lbs.	5.65 - —
l.c.l., works	100 lbs.	6.70 - —
Zinc-cadmium sulphide, fluorescent, works, frt. alld.	lb.	2.50 - 2.85
Zinc-iron oxide pigment, bgs., c.l., dlvd.	lb.	.06 - —
l.c.l., dlvd. E. of Rockies	lb.	.06½- —
dlvd, Pac. cst.	lb.	.06½- —
Zirconium hydride, cns., works.	lb.	7.00 - 8.00
Nitrate, kgs., works	lb.	3.00 - 4.00
Oxide, crude, 70-75%, grd., bbls., works	ton.	75.00 -100.00
white, 98%, grd., kgs., works.	lb.	1.80 - 2.00
ex whse., Pac. cst.	lb.	.07 - —

Synthetic Resins

The customary monthly listing of prices for synthetic resins and other branded paint materials was printed in OPD for July 3.

FILAC
CLEAN SOLUBLE NITRATE FILM SCRAP
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SICO
Ultramarine Blue
Alkali Blue Toner
Dyestuffs
Methyl Violet Toners
Blanc Fixe
Iron Blues
Para Toners
Toluidine Toners
Lithol Toners
Red Lake C Toners
Permanent Orange Toners
Pyrotone Red Toners
Barium Products
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Oils, Fats, and Waxes

Trading in the oils and fats market was restricted to the inedible grades during the week. A good volume of business was transacted for choice grease in the West at government established ceilings, with some low grade material sold below ceilings. Tallow was in active request at ceilings for immediate and August delivery. The removal of lard and rendered pork fat quota restrictions for soapmaking for the last half of July did not improve trading in these materials for soapmakers' account although soapers continued to bid from 2c. to 3c. below packers ideas, which were turned down.

Stocks of oiticica on the spot and at other points have been cleaned up. Sales of spot oil and subject to delivery from Brazil were made at price advances.

Government stockpiles of oiticica and rapeseed oils were reported exhausted and other oils were being steadily depleted.

The War Food Administration has extended through October 31, 1944 the current suspension of inventory limitations on tallow and grease imposed by War Food Order No. 67. The suspension has been in effect since May 15, 1944.

WFA also removed quota restrictions on the use of rendered pork fat and lard which are purchased and delivered for soap making within the period, July 17, 1944 through July 31, 1944.

An amendment to WFO-94 to remove all restrictions on the purchase and sale of 1943 crop flaxseed was announced by WFA. This has been made possible by the fact that all flaxseed crushers operating on domestic flaxseed are now assured an adequate supply to run their mills until new crop flaxseed is available.

The order still prohibits the shipment of domestic flaxseed to Atlantic seaboard mills or to any other location outside of a designated area.

Vegetable Oils

Oiticica. — With stocks practically cleaned up here and delayed shipments from Brazil, owing to the scarcity of drums, the market was firmer and prices were advanced ½c. per pound. Sales of small lots on spot were at 21c. per pound, in drums, and at 20c. in drums, subject to arrival.

Peanut. — Crude peanut oil prices have been established for newly developed peanut crushing areas in the United States, effective July 24, the Office of Price Administration announced. The prices for these areas, which did not crush peanuts prior to price control, are fixed on a comparable basis to those already established for Texas, Oklahoma and Southeastern mills.

The new peanut crushing areas and their prices are as follows, f.o.b. the mill in tankcars:—

	Cents per pound
California (except Los Angeles)	13.50
Los Angeles, Calif.	13.75
Chicago, Ill.	13.50
Arizona and Virginia	13.25
Arkansas, Louisiana, Mississippi, New Mexico	13.00

The present price in Texas and Oklahoma, f.o.b. the mill in tankcars, is 12.875c. per pound, and 13c. per pound in tankcars, f.o.b. Southeastern mills.

Soybean.—The War Food Administration announced the purchase of 524 tankcars of refined oil at prices ranging from 13.35c. to 13.47c. per pound, f.o.b. San Francisco, on July 1.

Flaxseed

Trading in seed active for spot delivery. Receipts are heavier and bulk of arrivals readily taken.

Minneapolis, July 19.—Daily receipts continue to run over anticipations, and crushers are very willing takers of the supply offered them. The larger proportion of the flax is from Northern territory and of good quality. New-crop seed is offered in arrive in increasing volume above ceilings. However, crushers refuse to pay above the present ceiling of $3.05 and sales are virtually nil.

Crop news from the North remains good and from the South is improving a little. Per-acre returns are expected to be above normal, and flax plants are gaining on weeds.

Crop movement in bushels follows:—

	Receipts		Shipments	
	1944	1943	1944	1943
This week	238,500	153,000	21,500	15,000
Since Sep. 1	21,555,500	16,440,500	3,171,500	1,744,500

The week's closing flaxseed price range was as follows:—

	Cash	Sept.
Saturday	$3.05	$3.05
Monday	3.05	3.04
Tuesday	3.05	3.04
Wednesday	3.05	3.04
Thursday	3.05	3.04
Friday	3.04	3.04

Buenois Aires, July 21.—The Grain Board not quoting flaxseed for shipment. Flaxseed shipments during the week were 886,000 bushels to the United Kingdom, and 31,000 bushels to Continent. Visible supply was estimated at 7,283,000 bushels. Flaxseed for export nominal at $1.90¼; Rosario, $1.81⅛ per bushel.

Hull, July 21.—Bombay, July £33; Calcutta (no quotations); La Plata, July, £22½ per ton.

Linseed Meal

Steady demand for meal continued with offerings promptly absorbed.

Minneapolis, July 19.—Crushers report ability to sell whatever meal they have to spare but there is no hysterical clamor for supplies, as was the case up to a few weeks ago. Output is smaller due to the fact that crushers are operating but 75 percent of their capacity.

Shipments of linseed meal in pounds were as follows:—

	1944	1943
This week	10,680,000	7,620,000
Since Sept. 1	504,804,700	470,440,000

Linseed Oil

Round-lot buying was conspicuous by its absence during the past week. Users recently placed a good volume of business for delivery during the balance of the year and for the early portion of next year before the market was advanced. Small lots of raw oil were in spasmodic demand. Interest in replacement oil continued good with sales up to seasonal volume. Prices were steady for all grades.

The announcement by War Food Administration amending WFO-94 to remove all restrictions on the purchase and sale of the 1943 crop flaxseed was received with interest by the trade. This action will enable flaxseed crushers operating on domestic seed to obtain an adequate supply to run their mills until new-crop flaxseed is available.

The government weekly crop report stated that the Northwest still has adequate moisture and that the condition of flaxseed and other grains continued good to excellent.

Minneapolis, July 29.—Civilian buyers are showing some interest in new and old-crop offerings, taking a little more of the new-crop stuff from week to week.

Shipments of linseed oil in pounds were as follows:—

	1944	1943
This week	6,900,000	6,540,000
Since Sept. 1	311,098,000	131,190,000

Cottonseed Oil

The minimum support price for cottonseed established for the 1943 crop will be extended by the War Food Administration to cover the 1944 crop of cottonseed. This support price is $55 per ton, f.o.b. shipping point in Oklahoma, Texas, and New Mexico, and $56 per ton, f.o.b. shipping point in all other producing states. The support price reflects existing OPA ceiling prices on cottonseed products, which also remain unchanged.

Buying interest for refined cottonseed oil has increased but offerings continued scarce, especially for spot oil. Demand for refined grades was active on allocations.

Lard continued firm with packers maintaining ceiling prices. Soapmakers were in the market for supplies, but trading was quiet, because soapers' bids of 9c. per pound, loose, works, were from 2c. to 3c. below sellers'

Market Trends

Prices Advanced

None

Prices Reduced

Menhaden oil, ref., 1/5c. per lb.
Oiticica oil, ½c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
192.7	192.8	194.6	195.4

For current prices see alphabetical listing beginning on page 9.

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ideas. WFA has removed the quota restrictions on the use of lard and rendered pork fat for soapmaking through July 31.

Stocks of lard in Chicago totaled 71,558,111 pounds on July 15, comparing with 72,576,406 pounds July 1 and 36,128,571 pounds on July 15, 1943.

War Food Administration stated that lard and rendered pork fat stocks in cold storage July 1 were 420,900,000 pounds. This quantity exceeds July 1, 1943, holdings by 200,000,000 pounds and the five-year average by 188,700,000 pounds. Included in the figures of total stocks are 62,400,000 pounds of cured pork cuts and 300,600,000 pounds of lard and rendered pork fat owned by WFA in warehouses outside of processors' hands.

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Prices follow:—

	Cents per pound in tanks—High.	Low.	Close.
September	....	....	14.31 nom.
October	....	....	14.25 nom.
December	....	....	14.00 nom.
March, 1945	....	....	13.95-14.10
May	....	....	13.95-14.10

Total sales, none.
Cash, 14.31c. nom.
Crude, Southeast, 12¾c.; Valley, 12¾c.; Texas, 12c. (all ceiling prices).

Cake and Meal

Trading was fairly active for linseed meal for spot and prompt delivery. Cottonseed meal was in good inquiry, with offerings scanty. Arrivals of 28,198 bags of linseed meal were noted.

Los Angeles, July 19.—Recent large receipts of soybean meal have tended to relieve most urgent needs of the central California trade. The meal continues in liberal supply with centralwestern shippers allotting steady quantities to Bay Region customers. Local production in linseed meal was seasonally light and moved on regular allotments, leaving little additional supplies for trading purposes.

Fats and Greases

The inventory provisions of WFO 67 relating to fats and oils have been suspended until November 1, except with reference to rights, liabilities, or appeals antedating July 18.

Grease.—Further trading in choice white grease was done at 8⅞c. per pound, loose, f.o.b. plant in the West, for July and August delivery. Some outside low grades were reported sold at ¼c. per pound below ceilings.

Tallow.—An active trade principally in the West was noted at ceilings during the week. Offerings were not liberal and the market remains firm.

Fish Oils

Cod.—Limited quantities in sellers' hands were closely held. Demand was confined to small lots.

Menhaden.—The trading in refined grades was slow. Prices continued easy, reflecting the lower crude market. Crude oil recently declined 65 points per pound below the ceiling price. Refined grades were off 1/5c. per pound.

Los Angeles, July 19.—Market quiet with some sales reported in the North at the ceiling of 66.75c. per gallon in tankcars for crude sardine oil. Latest figures available on pilchard sardine landings for California show an excess of 81,000 tons for the period January through April, 1944.

Baltimore, July 20.—Fishing during the week in Chesapeake Bay and off the Virginia capes was not good because of high winds. On the other hand, fishing off Lewes is stated to be on the increase because of the return of the boats of the Consolidated Fisheries Company to the Lewes area following the completion of the work of converting them from steam to diesel engine power.

Waxes

Trading in waxes during the week was moderate and mainly for actual requirements. An active inquiry was received for carnauba, but business was quiet owing to the scarcity of available supplies. Interest in ouricury was fair, with sales transacted at ceilings. Candelilla wax was dull and featureless, with stocks here liberal, resulting in an easy tone. Prices ranging from 34½c. to 35c. per pound, according to quantity. Offerings of beeswax from primary sources continued practically nil with trading at a standstill.

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Obituaries

George E. Cox

George E. Cox, works manager of the Niagara Falls, Ont., plant of the American Cyanamid Company, New York, for thirty-two years, died July 19 in Niagara Falls, N. Y. He was seventy-three years of age.

Born in Baltimore, Mr. Cox was graduated from Johns Hopkins University. Before joining the American Cyanamid in 1912, he was employed by the General Electric Company and the Union Carbide and Carbon Corporation. During the first World War he assisted in constructing the Muscle Shoals plant.

Surviving are his wife, a daughter and three sons.

Henry Willis Phelps

Henry Willis Phelps, who retired in 1941 as chairman of the board of directors of the American Can Company, died July 7 at his home in New York. He was eighty years old.

Mr. Phelps was a teller in a bank at Lewiston, Ill., in 1887, when he joined a canning firm that was organized as Ranney & Phelps. In 1893, Mr. Phelps and his associates sold out to the Union Can Company and Mr. Phelps became secretary and general manager of that concern.

In 1901, the Union concern was merged with the American Can Company and Mr. Phelps became a director of the latter firm. He served the American Can Company as its sales manager in Chicago and subsequently as general manager of sales. He was vice-president for ten years and later president. In 1936 he became chairman of the board of directors.

Levi A. Ward

Levi A. Ward, a director and former secretary of the Hooker Electrochemical Company, Niagara Falls, died July 12 in his home in Rochester, N. Y. He was sixty-eight years of age.

After several years association with New York banks, Mr. Ward in 1916 joined the Hooker Electrochemical Company as secretary and became a director of the company in 1938. He withdrew from business in 1941 because of illness.

Surviving are his wife and three children.

P. L. Hollingsworth, traffic manager for the American Potash & Chemical Corporation, died in Bakersfield, Calif., recently. He was forty-seven years of age.

Margarin Production Increased in May

Production of margarin during May amounted to 45,240,340 pounds. This compared with 44,755,140 pounds in April and 30,774,017 pounds in May last year, according to statistics compiled by the Bureau of Internal Revenue, Washington. A comparison of production in May with the same month last year follows:—

	Pounds—1944	1943
Production of uncolored oleomargarin	*30,051,270	†18,603,443
Withdrawn tax-paid	30,832,242	20,462,556

Used in Uncolored Margarin

Butter culture	6	52
Butter flavor	132	198
Citric acid	2	1
Corn oil	1,036,300	164,397
Cottonseed oil	13,342,597	9,618,960
Derivative of glycerin	46,123	31,640
Diacetyl	71	33
Estearin	6,791	.....
Lecithin	32,775	21,026
Linseed oil	.....	1,080
Milk	5,264,941	3,257,775
Monostearin	26,985	17,866
Neutral lard	439,507	256,530
Oleo oil	446,069	457,380
Oleo stearin	297,448	171,516
Oleo stock	44,061	41,487
Peanut oil	245,318	281,512
Salt	968,371	577,942
Soda, benzoate of	18,956	12,117
Soybean oil	8,667,149	4,133,527
Tallow	.....	15,402
Vitamin concentrate	6,461	3,711
Total	30,890,063	19,067,150
Production of colored oleomargarin	14,408,098	12,170,574
Withdrawn tax-paid	1,011,384	190,650

Used in Colored Margarin

Butter culture	.....	34
Butter flavor	114	106
Citric acid	.....	2
Color	8,423	4,796
Corn oil	649	500
Cottonseed oil	385,654	297,798
Cottonseed flakes	60	.....
Derivative of glycerin	18,458	20,248
Diacetyl	23	26
Estearin	242	.....
Lecithin	3,851	2,661
Linseed oil	.....	1,080
Milk	2,155,835	1,827,155
Monostearin	3,560	5,737
Neutral lard	455,006	134,531
Lard flakes	49,991	.....
Lard stearin	.....	20,271
Oleo oil	1,209,414	451,137
Oleo stearin	.....	2,376
Oleo stock	211,443	161,506
Peanut oil	408	.....
Salt	503,326	417,681
Soda, benzoate of	8,796	8,932
Soybean oil	9,350,917	8,899,445
Soy flakes	5,400	8,100
Vitamin concentrate	3,085	2,326
Total	14,374,655	12,266,447

Note.—The figures for May, 1944, are subject to revision until published in the commissioner's annual report.

* Of the amount produced, 5,085 pounds were reworked.

† Of the amount produced, 61,070 pounds were reworked.

Pittsburgh Plate Buys Canadian Paint Company

A substantial interest in the Murphy Paint Company, Ltd. of Canada has been acquired by the Pittsburgh Plate Glass Company. Harry W. Thorp will continue as president of the Canadian company. Established over twenty years ago by Harry W. Thorp and Louis Hambrock, the Murphy Paint Company operates factories at Montreal and Windsor, numerous branch warehouses and offices throughout Canada, and has become one of the most important paint manufacturing and distributing concerns north of the border.

Zialite Corporation, Mount Vernon, N. Y., has filed a certificate of voluntary dissolution with the Secretary of New York State.

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Hercules Powder to Increase Ethylcellulose Output

The production capacity of the ethylcellulose plant of the Hercules Powder Company at Hopewell, Va., will be increased 60 percent to meet increased ammunition demand from the Army and Navy.

Dixie Ordnance Gets 'E'

The Army-Navy "E" was awarded July 7 to the Dixie Ordnance Works, Sterlington, La., for the production of ammonia. This plant is operated for the government by Commercial Solvents Corporation.

Conover Joins Sonneborn

J. N. Conover has joined the white oil division of L. Sonneborn Sons, Inc., New York, as assistant to R. W. Bjork, sales manager of the division. Before joining Sonneborn, Mr. Conover had been engaged in special sales work with the Gallowhur Chemical Corporation, and prior to that was associated for nineteen years with Stanco Distributors, Inc.

Pittsburgh Plate Glass Names Berghoff Publicity Director

Guy Berghoff has been appointed director of public relations of the Pittsburgh Plate Glass Company and Bryan England as assistant director. For ten years Mr. Berghoff has been assistant glass advertising manager. Mr. England, who has directed the company magazines, will continue to edit these publications, and will assist in publicity work.

Line Succeeds Tobin In WPB Facilities Unit

Edward D. Line has been named deputy chairman of the Facilities Committee of the War Production Board, replacing Virgil E. Tobin. Mr. Line has represented the Office of Civilian Requirements on the Facilities Committee since December 15, 1942.

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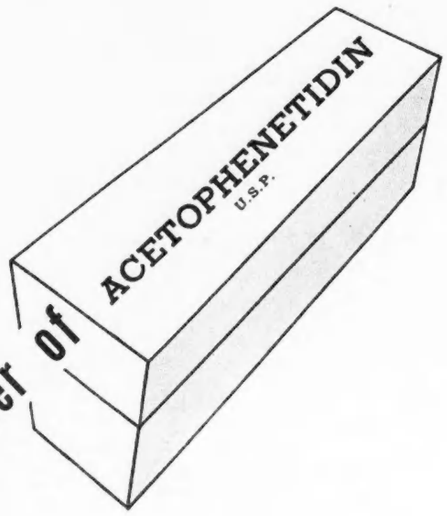

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Drugs and Fine Chemicals

The price feature in the market for drugs and fine chemicals last week was a rather sharp advance in the quotation for spot and Pacific Coast quicksilver, the result of buying pressure against spot stocks not too large and in generally firm hands During the period the War Production Board made public its allocations of chemicals and allied products for the month of July. The War Food Administration began offering citric acid at prices slightly above the producers' schedule. Lower quotations on synthetic methanol were set for August 1, and during the week the Bureau of the Census released its compilation of natural and synthetic methanol data for May. WFA announced that producers of milk powder would be required to set aside less of their August and September production, and indicated a probably further reduction in the October and later month set-aside.

The higher price on quicksilver was clear evidence that the metal market has worked into fairly sensitive position, under which condition values advance when demand presses, even though it be periodic and rather routine in character. That type of demand was current last week. The coming reduction in synthetic methanol prices appeared to be one voluntary on the part of one of the largest producers, and it gave rise to some thought as to the possibility of formaldehyde being ultimately revised downward.

WFA offerings of citric acid came from stocks originally bought for lend-lease operations, but not shipped. Because of the shortage this acid was offered for domestic consumption at 1.026c. per pound over the producers' schedule on 10,000 pounds, one shipment. This advance over the producers' price merely covered charges accrued in storage.

OPA is apparently figuring on establishing maximum prices on blends of vitamin A fishliver oils and concentrates. Effective July 24, sales of blended materials may not be made without OPA authorization of a specific price.

Acetone.—July allocations involved 5,743,000 pounds of this article.

Acid, Citric.—The War Food Administration is offerings some goods bought for lend-lease but not shipped. The price is 21.526c. per pound in lots of 10,000 pounds, the margin over the producers' 20½c. covering accrued charges.

Acid, Tartaric. — Some importers were reported having trouble with arriving goods, questions of prices and terms of delivery assuming some importance. Meanwhile, consumption continued good. Available supplies were light on the open market, where prices substantially in excess of the producers' official schedule were obtainable.

Alcohol.—July allocations made by WPB will be found elsewhere in this issue. They reveal extreme care in apportioning the supply of alcohol available in excess of consumption in the production of synthetic rubber. Where requests were for uses both military and civilian, allocations were on the basis of the users 1940 consumption, and they were expected to fill military needs out of such allocations. The total July allocations for industrial uses was 37,723,140 wine gallons.

Bismuth.—WPB July allocations of bismuth chemicals totaled 73,361 pounds, and were made for medicinal, industrial and cosmetic use. The requests for civilian use were granted 100 percent.

Butyl Acetate.—WPB July allocations totaled 11,142,271 pounds of normal material. No civilian end use allocations were made of secondary material for protective coatings.

Butyl Alcohol.—WPB July allocations totaled 23,263,336 pounds of normal material. Allocations of secondary for protective coatings totaled 58,406 pounds.

Castor Oil.—Demand for oil continued at the recently substantial volume, and deliveries were in good position. No further additions to available supplies of beans were made. The total arrivals since January 1 was 140,629,140 pounds, which compares with a total of 159,413,050 pounds during the corresponding period in 1943.

Chicago, July 19.—Volume of demand for castor oil is holding up at a relatively good rate. Buyers continue to evince considerable interest and tone is firm. Prices are:—Cold pressed, U.S.P., returnable drums, car lots, 14½c. per pound; drums, less than car lots, 15¼c.; tanks, 13¾c.; No. 3, extracted, returnable drums, car lots, 14¼c.; drums, less than car lots, 15c.; tanks, 13½c.

Ethyl Acetate.—The total quantity allocated by WPB for civilian end uses in protective coatings in July was 2,540,885 pounds. Allocation for civilian end uses totaled 1,887,721 pounds. A grand total of 4,428,606 pounds.

Fishliver Oils.—Sales of blends consisting of one or more vitamin A concentrates mixed with one or more vitamin A natural oils may not be made after July 24 next unless a specific price has been set by OPA, according to an OPA announcement on July 20. Sellers wishing to continue blending must file application with the OPA national office showing the potency and number of U.S.P. units in the blend, together with a statement showing the necessity of offering such blend for sale. In general, a price will be established on the basis of the maximum price the seller would realize if the oils in the blend were sold separately, but OPA may refuse to authorize a maximum price or may authorize a lower price in order to prevent evasion of the regulation. This action was taken under Amendment No. 2 to Maximum Price Regulation No. 203 and becomes effective July 24. WFA on June 27 bought 79,091 pounds of vitamin A oil and concentrate, mainly at 30c. per million A units.

San Francisco, July 19.—Tuesday one of the larger buyers came into the market for a limited quantity of oil, but the smaller buyers are still apparently biding their time. For the first time in months, Seattle reports the arrival of soupfin shark carcasses in excess of 4,000 pounds, with estimated weight of livers at 10 percent of this figure. Mexican arrivals are continuing routine with Hammerhead and Blacktip arrivals showing a higher potency. All oil moving at ceiling.

Formaldehyde.—WPB total allocation for civilian uses in July was 2,340,656 pounds. Since a lower price on synthetic methanol will become effective August 1, naming tanks at 23c. per gallon, f.o.b. Belle, W. Va., rail freight equalized with Niagara Falls, N. Y.; Peoria, Ill., and South Charleston, W. Va., there was comment locally regarding the possible reflection of this decline in the schedule on formaldehyde.

Glycerin. — Plentiful supplies were available and refiners are able not only to care for all military and domestic civilian requirements, but also to seek foreign markets now and for the postwar period. A foreign need of substantial size is almost certain to exist, but the matter of how foreign buyers will pay for the needed goods is another matter; credit considerations may prevent full flowering of an enlarged export movement. In 1939, a year in which export was little affected by the beginning of the war in Europe, exports totaled 7,398,681 pounds that went to 56 foreign countries.

Chicago, July 19.—The glycerin market remains firm and steady, with volume of business at good levels. Buyers seem intrested in additional quantities. Prices for both chemically pure and high gravity are:—Tankcar, 18c. per pound; drums, car lots, 18¼c.; drums, less than car lots, 18¾c.

Methanol.—Synthetic methanol on August 1 will be reduced to the following schedule:—Tankcars, 23c. per gallon, works, freight equalized with Niagara Falls, Peoria, and South

For Current prices see alphabetical listing beginning on page 9.

Market Trends

Prices Advanced

Quicksilver, $7 per flask.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
239.5	239.2	239.2	241.0

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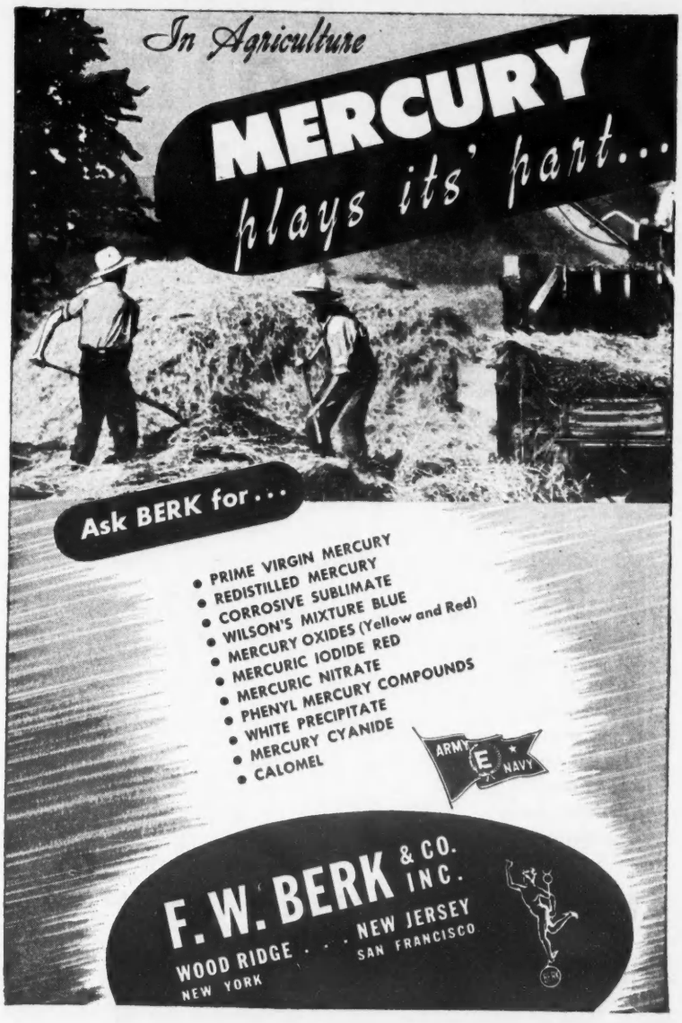

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Charleston; drums, car lots, 30c.; drums, less car lots, on a delivered basis, zone 1, 36c.; zone 2, 43c.; zone 3, 41c., and zone 4, 51½c. Buyers in zone 4 have the option of buying at the delivered zone 4 price, or at the zone 3 price f.o.b. Los Angeles and San Francisco. Production and stocks data, as compiled by the Bureau of the Census for May, showed a 23,820-gallon rise in output and an increase of 2,398 gallons in stocks of natural; synthetic, output 374,000 gallons more and stocks, 360,000 gallons less than April data revealed. The data are:—

Methanol Data: May

	Gallons	
	Production	Stocks
Methanol, natural.....	364,434	312,438
synthetic	6,694,000	6,768,000

Milk Powder.—Between May 29 and June 1, the War Food Administration bought 4,041,861 pounds of spray process skimmed milk powder; 691,535 pounds of roller process, and 2,310,000 pounds of whole milk powder. Reductions in the WFA set-aside quotas for war uses will be effective August 1. Sixty percent of spray process milk powder, and 35 percent of roller process material must be set aside by producers during August and September. This compares with the July set-aside of 75 percent of spray process and 50 percent of roller process. Indications are that set-aside quotas may be further reduced in October and later months.

Quicksilver.—The spot price was advanced to $105 per flask, corresponding to a rise in the California price to $100. Business was done at $105. The rise came when some of the usual periodic buying came to the market and found no important surplus of stocks and a market inclined to be more sensitive to buying operations than it was recently.

San Francisco, July 19.—There has been more inquiry this past week than in previous periods, with a few fairly large sales reported and considerable more buyer interest. Several producers have upped their price and quotation is now $100 to $105 per flask, f.o.b. San Francisco.

Chemical Allocations

—*Continued from page 38*

and experiment, 1,263 pounds or 42 percent; polyacrylic esters, 2,000 pounds or 91 percent; phenolic resins, 13,140 pounds or 100 percent; polyvinyl resins, 12,600 pounds or 100 percent; polystyrene resins, 6,000 pounds or 60 percent; phthalic resins, 98,839 pounds or 70 percent; fumaric acid, 10,000 pounds or 100 percent; oil additives, 5,950 pounds or 62 percent; pharmaceuticals, 225 pounds or 20 percent; substituted oils, 966 pounds or 49 percent; stabilizers, 3,658 pounds or 100 percent; wetting agents, 16,250 pounds or 76 percent; maleic resins, 346,740 pounds or 65 percent; tanning agents, 9,300 pounds or 99 percent.

Methanol, Wood-Distilled, Denaturing Grade

Requests for civilian use were granted in full.

Methanol, Wood-Distilled, 95-97 Percent

Requests for civilian uses were granted in full. Request for anti-freeze 95-97 percent granted in line with L-51 quotas.

Methanol, Synthetic

Civilian requests for synthetic methanol were allocated as follows:—Allocated in full for photographic products, drugs and pharmaceuticals, dyes and dye intermediates, wood stains, extraction and solvent uses, for protective coatings 77 percent of requests. Methanol for anti-freeze was allocated in line with quotas under L-51.

Metallic Sodium

Same allocation program carried out as on previous months. All essential civilian requirements granted in full. Requests for menthol, soap ingredients, etc., denied.

Methylethylketone

Requests for civilian uses in July were granted as follows:—Vinylite coatings (90 percent), 149,183 pounds; research (100 percent), 13,007 pounds; cellulose acetate sheets (100 percent), 76,249 pounds; aromatic chemicals (100 percent), 29,644 pounds; miscellaneous (85 percent), 8,913 pounds. Requests for nitrocellulose lacquers and thinners and requests for cleaners and removers were denied.

Methylisobutylketone

The following end uses were granted 100 percent:—Plant working stocks, essential civilian lacquers, transportation lacquers (new), food closures and containers, denaturants, solvent blends, farm equipment, transportation railroads, drugs, shoes, anti-freeze. The following end uses were granted in the following manner:—Civilian furniture (25 percent), transportation lacquers-refinishing (50 percent). Non-essential lacquers were denied.

Naphthalene

Allocated for phthalic anhydride (M-214); betanaphthol; other dye intermediates, 627,000; pounds; chemical compounds (92 percent), 1,187,000 pounds; agricultural insecticides, 95,000 pounds; miscellaneous, 23,000 pounds; total moth prevention granted 48 percent of total requests and adjusted to base period ratio.

Naphtha, Enamel Wire

Allocations were about equal to those of the preceding months, and it was possible to allocate to all electrical insulating requests fully without regard to enamel type.

Naphtha, High Flash

July allocations were the first made urder order M-340. The broad policy of allocation in effect for the past three months was continued. During this period a marked increase in requests was noted.

Naphthenic Acid and Naphthenates

No definite relief from the tight position of naphthenic acid of suitable acid value can be forecast in the near future. For the metallic naphthenate driers the restrictive allocation policy pursued for the past three months was continued. Approximately 50 percent of the total of civilian requests (principally driers) was denied. For non-military uses the distribution of the metallic naphthenates was as follows:—Transportation, 25,500 pounds; electrical and communication equipment, 2,000 pounds; industrial machinery, equipment and tools, 800 pounds; basic industrial products and processes, 4,900 pounds; textiles and leather, 44,600 pounds; building materials and buildings, 8,400 pounds; containers, packages and accessories, 1,900 pounds; cutting oil, 2,100 pounds; driers, 180,000 pounds; lubricants, 133,400 pounds; pigments, 2,700 pounds; aggregate small orders, 17,300 pounds.

Nicotinamide

Requests for civilian medicinals were granted 50.7 percent.

Nicotinic Acid

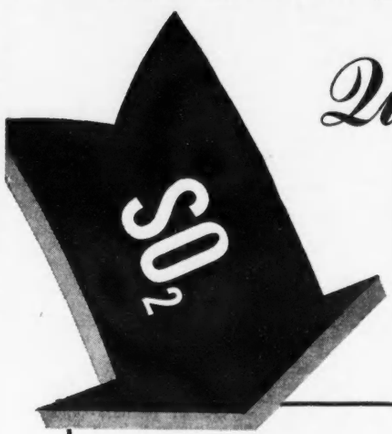
Civilian requests were granted 51.4 percent for medicinal nikethamide and 10.4 percent for other medicinals, 62 percent of requests were granted for food fortifications. All requests for feed enrichment were denied.

Paraformaldehyde

Allocated 100 percent to the following civilian end-uses for July:—Disinfectants and germicides, resale, textiles and miscellaneous.

Pentaerythritol

Technical Grade:—Allocated for following essential civilian uses:—Maleic alkyd resins, 51 percent; phthalic alkyd resins, 93 percent; ester resins, 66 percent; phenolic resins, 60 percent; substi-



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POTASSIUM SULFITE	K_2SO_3	98% as K_2SO_3	40%	Coarse Crystalline Powder	Freely Soluble
POTASSIUM META-BISULFITE	$K_2S_2O_5$	97% as $K_2S_2O_5$	56%	Granular or Powdered	Moderately Soluble
SODIUM SULFITE	Na_2SO_3	99% as Na_2SO_3	50%	Small Granular and Fine Powder	Freely Soluble
SODIUM META-BISULFITE	$Na_2S_2O_5$	90% as $Na_2S_2O_5$	61%	Granular or Powdered	Moderately Soluble

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tute drying oils, 34 percent; research and development, 100 percent.

Polypentaerythritol: — Allocated for ester resins, 58 percent; and for phenolic resins, 100 percent.

Peroxygen Chemicals

Hydrogen Peroxide:—Allocations recommended on basis of average monthly use in 1943 except in cases where non-return of carboys indicated building of stocks. Such requests were recommended curtailed.

Sodium Peroxide:—Allocations recommended on basis of 50 percent of average monthly use in 1943 for civilian uses.

Sodium Perborate:—Allocations recommended on basis of 50 percent of average monthly use in 1943 for pharmaceutical uses. Other civilian uses held to approximately 30 percent of 1943 average use, with exception of requests for detergent or dry cleaning uses, which were recommended be denied.

Phenol

Allowed for oil additives, oil refining, triphenyl phosphate (subject to M-183), other plasticizers, plastics (subject to M-246), salicylates, other medicinals (218,000 pounds), chlorinated phenols (80 percent), disinfectants and insecticides (260,000 pounds), dyestuffs (259,000 pounds), chemical manufacturing (715,000 pounds, 90 percent), butyl phenol, amyl phenol, and bis-phenol.

Phenolic Resins

Molding Compound:—Allowed to the following end uses—industrial wiring devices, safety equipment, motor construction, and other industrial equipment, 1,441,000 pounds; medical and health supplies, agricultural supplies, civilian wiring devices, replacement parts for domestic appliances, automotive ignition, office machinery replacement parts, 1,699,000 pounds; civilian buttons, 125,000 pounds; printing plates, 26,000 pounds; textile and rayon equipment, 50,000 pounds, and closures for food and others, 728,000 pounds. Thirty thousand pounds of off-grade, by-product phenol allowed for wine and liquor closures on a "defer" basis. Denied for ash trays, parts for candid cameras, handles for shoe trees, wine and liquor closures and baby bottle sterilizers.

Laminating:—The following quantities of laminating resin were allocated for civilian uses during the months of July, August and September:—Electrical insulation parts, 851,866 pounds; mechanical and structural-industry, 310,123 pounds; safety helmets, 11,682 pounds; industrial food packaging, 150 pounds; ignition contact arms, replacements on cars, trucks and buses, 5,250 pounds; fluorescent lamp bases, 50,000 pounds.

Protective Coatings:—Allowed essential civilian end uses for the month of July were as follows:—Aircraft, 18,533 pounds; transportation, 219,167 pounds; electrical and communication equipment, 43,758 pounds; industrial machinery and tools, 244,451 pounds; textiles and leather, 97,400 pounds; health, safety and scientific equipment, 1,320 pounds; photographic material and equipment, 450 pounds; printing inks and accessories, 102,161 pounds; office supplies and equipment, 5,846 pounds; furniture, 102,666 pounds; laundry, kitchen and refrigeration equipment, 21,298 pounds; buildings and building materials, 222,714 pounds; containers, packages and accessories, 384,632 pounds; unclassifiable miscellaneous, 180,743 pounds.

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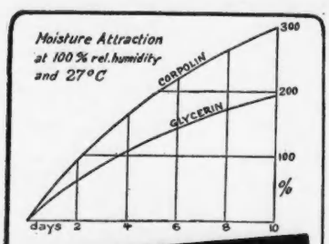

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See this paper, issue of February 8, 1943, page 50
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LYCOPODIUM
PAPAIN
SPANISH SAFFRON, *Whole and Powdered*
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PACKED AS WANTED
Previously, we emphasized the facts that *Peder Devold Cod Liver Oils* were and are available "when needed", and that their potencies are "double-checked". Today, we would like to add that we were and are —in spite of many difficulties—able to supply in most cases the particular bulk packing needed by our customers. We invite your inquiries.
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SANTONIN
MEETING REQUIREMENTS OF ALL INTERNATIONAL PHARMACOPOEIAS
ALKALOIDS OF AMERICAN MANUFACTURE
SANTONINE COMPANY OF AMERICA

Adhesives:—For the third quarter allocations were 100 percent as requested.

Specialties:—Allocated in full to the following end-uses for the initial allocation of the third quarter:—Abrasives, adhesives, bonded asbestos, buttons, casting resins, cosmetic closures, electrical insulation, ion exchange resins, general heat insulation, jigs and fixtures, paper, leather and cloth coating.

The following end-uses were allocated in full on the basis of natural phenol:—Cutlery handles, brush handles, replacements for radio cabinets, veterans' rehabilitation projects.

The following end-uses were denied: Caskets, cosemtic containers, desk-sets, dice, jewelry, pipes, safety-razor handles, shave-stick holders, umbrella handles and ferrules, wax—floor and furniture. Allocation figures will be compiled and made available at the end of the third quarter.

Allocations were allowed in full for the following items for the second quarter:—Abrasives, 2,511,000 pounds; adhesives, 762,000 pounds; buttons, 440,000 pounds; casting resins, 93,000 pounds; cosmtic closures, 59,000 pounds; cutlery, 101,000 pounds; electrical insulation, 297,000 pounds; general heat insulation, 450,000 pounds; jigs, dies and fixtures, 149,000 pounds; machinery control knobs, 4,500 pounds; paper, leather and cloth coating, 973,000 pounds; protective coatings, 4,500 pounds; toilet seats, 24,000 pounds; veterans' rehabilitation projects, 13,000 pounds; bonded asbestos, 2,859,000 pounds.

A small amount of miscellaneous items were allowed from reclaimed phenol. The following end-uses were denied:—Brush-handles, desk-sets, dice, fishing lines, games, pipe-stems, safety-razor handles, toys.

Phosphate Plasticizers

Tricresyl Phosphate:—All civilian requests were denied.

Triphenyl Phosphate:—All civilian requests were denied.

Di (orthoxenyl Monophenyl Phosphate:—All civilian requests were denied.

Diphenylmono (orthoxenyl) Phosphate:—A small amount was allowed for industrial adhesives. There were no other civilian requests.

Phosphorus

Requests for phosphorus during the month of July were granted in full for matches, bearing metals, mining flotation, sulfa drugs and atabrine.

Requests for phosphorus for use in acid leavening in the form of sodium acid pyrophosphate were allocated 110 percent of the average monthly consumption during the year 1942. In the form of mono-calcium phosphate they were restricted to 75 percent of the average monthly consumption during the same period.

Requests for use in beverages were limited to 90 percent of the average monthly consumption during the year 1941.

Requests for rust proofing metals were cut 15 percent; oil well drilling, 20 percent; pharmaceuticals, 30 percent; yeast, 30 percent; other foods, 30 percent; dentifrices, 20 percent; and miscellaneous uses, 50 percent.

Phthalate Plasticizers

All civilian requests were denied on the phthalate plasticizers listed below:—Hydrogenated castor oil phthalates; dimethylcyclohexyl phthalate; dicyclohexyl phthalate, diethoxy ethyl phthalate; dimethoxy ethyl phthalate; methyl phthalyl ethyl glycollate; butyl phthalyl butyl glycollate; ethyl phthalyl ethyl glycollate; diethyl phthalate; dimehtyl phthalate; dibutoxy ethyl phthalate; dibutyl phthalate; di-2-ethyl hevyl phthalate.

There were no civilian requests for the following:—Castor oil phthalate; tributyl glycerol triphthalate.

Dicapryl Phthalate:—Civilian requests were cut 25 percent.

Phthalic Anhydride

Requests from all Claimant Agencies during the month of July, 1944, totaled 12,478,270 pounds. Requests were granted as follows:—Alkyd resins, 64 percent of requests; miscellaneous resins, 66 percent; esters, 89 percent; dyes, 79 percent; chemical intermediates, 42 percent; foods and drugs, 86 percent; rubber, 50 percent; oil demulsifying agents, 100 percent.

A quantity of phthalic anhydride is being held in reserve for Claimant Agencies requesting interim allocations for military requirements.

Pine Oil

The situation on Pine Oil is improving and this month it was possible to allocate 25 percent of a normal month's usage to less essential users. It is hoped the situation will improve further next month.

Pine Tar

On this material, release has been made in full to rubber compounding and reclaiming companies, and small amounts were allowed for veterinary purposes.

Polystyrene

Specialty resins:—Allocated for the following non-military uses as requested:—Shoe adhesives, 1,250 pounds crude natural; protective coatings, 45 pounds synthetic.

Molding Powder:—Allocations covering civilian items for the month of July were made as follows:—Electrical and communication equipment, 900 pounds; industrial equipment, 10,000 pounds; plumbing supplies, 40,000 pounds; health and sanitation, 6,000 pounds; hardware, 3,000 pounds, and acid closures, 19,000 pounds.

First-grade molding powder denied for the following:—Buttons and buckles, combs, brush handles, cosmetic packaging and kitchenware. A small quantity of off-grade molding powder was allowed for buttons and buckles, combs, brush handles, cosmetic packaging and kitchenware.

Polydichlorostyrene

None allowed for civilian use.

Pyrethrum

Allowed for sulfa drugs, other medicinals, vitamins, stabilizers, dyestuffs, disinfectants, and reagents.

Riboflavin

Order revoked June 20, 1944.

Rosin, Stabilized

All requests were granted in full.

Rotenone

Distributed on basis of existing inventories and insect infestation for agricultural use.

Sodium Cyanide

The sodium cyanide situation remains tight for July. Stocks in the hands of consumers average about one week's supply. Information reaching the Chemicals Bureau indicates that no metal treating companies have, up to the present time, been forced to shut down because of the sodium cyanide shortage. Every effort is being made to obtain a

—*Continued on page 54*

SILMO
VITAMIN A-D PRODUCTS
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● CONCENTRATES
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Laboratories and Main Office
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ABSORPTION BASES
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HYDRALASE #100-X
An enzyme catalyst used in the clarification of pectin solutions, fruit juices, wines, etc.
PROTOZYME G (Digestant for Dog Food Preparations)
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JACQUES WOLF & Co.
MANUFACTURING CHEMISTS AND IMPORTERS
PASSAIC, N. J.

Bottles submerged 9:00 A.M. April 29, 1944
Photograph taken 10.00 A.M. May 2, 1944

SHEDDING WATER LIKE A DUCK...
WITH GLU-WELD
Medical supplies going to our armed forces overseas are subjected to mighty hard treatment. That is why it's so important for all these supplies to be securely labeled and packaged with waterproof adhesives. And GLU-WELD adhesives assure the arrival of valuable war materiel at the fronts with labels securely affixed regardless of climatic conditions.

IMPORTANT TO DRUG and CHEMICAL MANUFACTURERS
Medical Department Tentative Specification No. 3073-C was issued on March 25, 1944 to supersede Specification No. 3073-B. Paragraph D-2 of this specification specifies that labels on unit containers shall be securely affixed by a non-water soluble adhesive. Testing qualifications require samples to be completely immersed in tap water of 75° for 48 hours, removed and dried for 24 hours. Separation of an individual label from container may not exceed 25% of glued area. Paragraph D-4 states that corrugated fibreboard packs must be sealed in a waterproof paper bag or wrapper. The seams, joints and closures of the paper bags must be sealed with asphaltum or a non-water soluble adhesive, and their construction must provide protection equal to that expected of the body material.
We recommend for waterproof labeling C-802 GLU-WELD. For bag liners, C-827 or C-255 GLU-WELD is recommended.
Write today for full information about GLU-WELD
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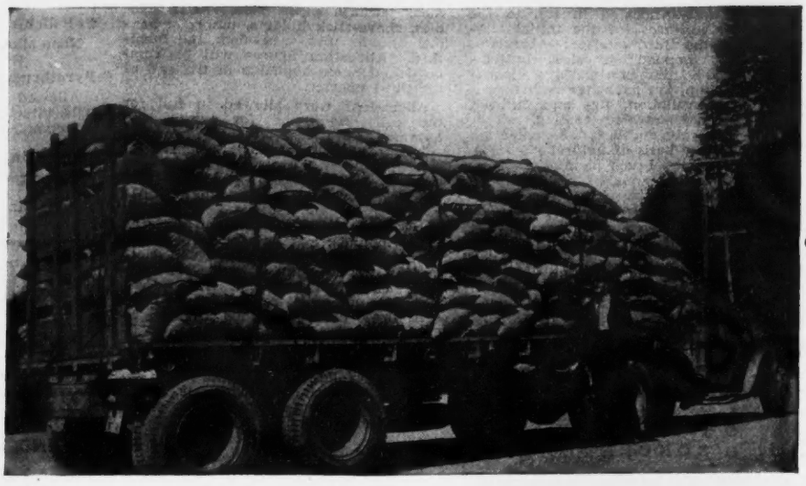
IN THE EAST — Union Paste Company — 1605 HYDE PARK AVENUE • HYDE PARK 36, MASS.

The short trunk and thick, bushy crown identify this as a tree growing in open country. Forest-grown cascaras usually show stems free from branches for 15 to 20 ft.—sometimes grow 60 ft. tall.

Height; 20 to 40 ft., usually.
Diameter of trunk: 6 to 15 inches.
Leaves: elliptical; deciduous.
Flowers: 5-petaled, greenish.
Fruit: Spherical, smooth, black.
Bark: 1/10th to 1/5 in. thick.
Roots: Fibrous; not deep.
Wood: Coarse grained, firm.



Truckload of cascara being brought to a Penick warehouse from the depot of its buying agent. Many of these agents ship Penick numerous carloads each season.

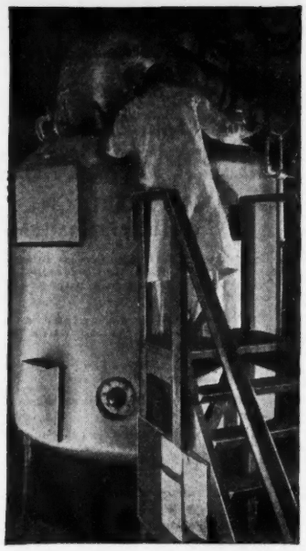
CASCARA BARK, U.S.P.

is supplied by S. B. Penick & Company in the following forms:

WHOLE BARK
GRANULATED BARK
POWDERED BARK
CUT AND SIFTED
CUSTOM MILLED BARK

EXTRACTS

POWDERED EXTRACT, U. S. P. and B. P.
GRANULAR EXTRACT, U. S. P. and B. P.
SOLID EXTRACT, Bitter
SOLID EXTRACT, Bitterless
SOLID EXTRACT, Aromatic



The usual method of cascara extract manufacture requires several separate, time-consuming operations. Penick's improved process combines economy with superiority of product.

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Many years ago, Penick took steps to safeguard the quality and to guarantee the production of an ample supply by establishing buying stations throughout the producing areas. Accordingly, peelers and gatherers sell their barks and other botanical drugs directly to Penick buyers. Supplies are sometimes stored for several years, to insure proper curing or "ageing," and to provide reserves in the event of crop failures.

These unparalleled facilities enable Penick to offer you the finest in Cascara Sagrada Bark—whether in whole or milled forms, or in a wide variety of extracts—at attractive prices made possible by the economic method of mass production *from forest to finished product*.

Samples and quotations submitted promptly on request.

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THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

BUY WAR BONDS AND STAMPS . . . FOR VICTORY

Botanical Drugs, Spices, Gums

Price trend in the botanical market was predominately downward last week. Most of the changes came within the group of articles considered mainly for their condimental properties, but there were also changes that hit strictly drug items on the down side. Among them were gum arabic, old arnica flowers, jalap root, lycopodium, and Haitian orange peel. Higher prices, however, were recorded in the drug items known as fenugreek seed and Mexican sarsaparilla bark.

Demand in the botanical market as a whole was not very lively. Buying raised a heat incapable of doing much more than make the market simmer and hence the total volume of spot delivery sales was comparatively small. Against this situation in spot business was a very fair-sized business in goods to be delivered later, if and when they may become available. That type of business is playing a leading role in the drama of covering consumption requirements over the next season and is urged more and more as the only means whereby manufacturing consumers may have reasonable assurance of having supplies when needed. The idea is to authorize the dealers to buy definite quantities at a price the dealer believes will interest primary market collectors sufficiently to cause them to secure the goods wanted.

Because of the pressure now being exerted against German arms by the American-British-French forces in the west, by the armies of Russia in the east, and American-British-French-Polish armies in the south, there is enough talk about Germany throwing up the sponge to cause some already to be at least thinking about the reopening of the Central European botanical drug areas.

Well, talking and thinking cannot be stopped, but the several fronts are still a long way from Berlin. It could be that Russian successes might restore connection between the Balkans, Czechoslovakia, and Yugoslavia on one hand, and Italian Adriatic Sea ports on the other, if and when the Germans have been thrown out of all Italy and the Adriatic opened to United Nations ships. But such an event would not necessarily mean restoration of botanical drug shipments from the main European growing areas.

Balsams

Peru.—Firm at the advance reported a week ago. Demand moderate. Not much local competition.

Tolu.—Demand was reported to be quiet and mainly concerned with covering of jobbing requirements of a fairly pressing sort. Prices steady.

Barks

Orange Peel.—Haitian material reported slightly lower, the bitter being priced under competition at 12½c. to 13c. per pound, and the sweet being held at 14c. to 14½c. Demand merely simmered.

Wild Cherry.—Though supplies were reported to be slightly larger, the stocks were reported obtained at prices which fail to suggest a lowering of quotations to the consuming trade when major demand appears.

Beans

Vanilla.—The market remains in statu quo. Dealers awaited arrival of some 100 tons of Bourbon beans, which left the primary market some time back. Since the beans will be transhipped at least once before reaching this country, there is no way for importers accurately to estimate the probable time of arrival. Sales against the expected beans have been substantial, but at the moment the disposition of dealers is to await ascertainment of actual import cost before selling much more. A considerable part of the Mexican whole bean crop that should begin to appear in fair quantities on this market in the not far distant future has been sold and warehouse stocks are not expected to be substantial after contract deliveries have been made.

Market Trends

Prices Advanced

Drugs

Fenugreek seed, domestic, ¼c. per lb.
Sarsaparilla root, Mexican, ½c. per lb.

Other Articles

Ginger root, Cochin, unbleached, 1½c. per lb.
Jamaica, No. 2, ½c. per lb.
No. 3, 1½c. per lb.
Pimento, Jamaica, ¼c. per lb.

Prices Reduced

Drugs

Arabic gum, 1c. per lb.
Arnica flowers, 15c. per lb.
Jalap root, 6c. per lb.
Lycopodium, 10c. per lb.
Orange peel, Haitian, bitter, 1c. per lb.
sweet, ½c. per lb.

Other Articles

Anise, Mexican, 1c. per lb.
Caraway, Morocco, dewhiskered, 1c. per lb.
Cardamom, decorticated, 5c. per lb.
Celery seed, India, ½c. per lb.
Chillies, red, Mombassa, 2c. per lb.
Marjoram, Chilean, ½c. per lb.
Oregano herb, Mexican, curly leaf, ½c. per lb.
flat leaf, ¼c. per lb.
Sage, Cyprus, good, ½c. per lb.
Spanish, ½c. per lb.

Comparative Price Indexes

Botanical Drugs

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
242.8	245.1	245.1	260.5

Berries

Juniper.—No weakness is in sight and the tendency of prices continued to be upward on spot, reflecting the strength prevailing in the domestic primary markets.

Saw Palmetto.—No superior stocks exist in the primary market and prices prevailing there make for a sustained price level in the spot market which, at the moment, lacks activity.

Flowers

Arnica.—Some fairly old stock was offered spot at $3.25 per pound. Fair to excellent quality material, available in limited quantities, was held at $3.40 to $3.60 per pound.

Pyrethrum.—Practically everything available is held for the account of the army and ordinary civilian users can get very little.

Gums

Arabic.—Additions to spot stocks have made the supply situation top heavy and brought to the spot more competition and a consequent lowering of prices to the basis of 11½c. to 12c. per pound. In practically all respects, it was a buyers' market.

Mastic.—Trend of events as concerns Turkey suggest that the Allies may free the primary market from German control in the not far distant future. Importers here believe that Germany has taken most of the available supply and hence they do not expect to find large stocks awaiting export when and if the Allies take over.

Herbs and Leaves

Marjoram.—No California material was available, here or on the Pacific Coast. Prices for Chilean herb were shaded to 35½c. to 36c. per pound.

Oregano. — Quotations on Mexican material eased and then declined. Curly leaf was down to 15½c. to 16c. per pound, and flat leaf went to 10c. to 10½c. per pound in a market mainly favorable for buyers.

Sage.—California was offering some leucophylla for July/August shipment at 55c. to 56c. per pound. California Dalmatian type material held high at 80c. to 81c. Spanish leaves were cheaper at 20c. to 20½c., and good quality Cyprus was down to 21c. to 21½c.

Senna.—Firmer positions developed on practically all varieties of this material. The price tendency was moderately upward.

Uva Ursi.—Some said that higher replacement cables had been received.

Miscellaneous

Grains of Paradise.—Reports said that August shipment material could be bought for later arrival at 25c. to 26c. per pound. It was also said that some goods were fairly close at hand.

Lycopodium.—Prices were shaded to $2.90 to $3 per pound, probably for the reason that some sellers expect

For Current prices see alphabetical listing beginning on page 9.

CHECK YOUR NEEDS
OF HOPKINS' ANALYZED HIGH-STANDARD
CRUDE DRUGS

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the Following From Stock

ALOES, Curacao and Cape
ALTHEA ROOT
ANISE SEED
BALSAM COPAIBA
BALSAM PERU
BALSAM TOLU
BELLADONNA Leaves and Root
BOLDO LEAVES
BORAGE FLOWERS
BUCHU LEAVES
CARAWAY SEED
CELERY SEED
CHAMOMILE FLOWERS
CHAULMOOGRA OIL
CLOVES, Zanzibar
COCILLANA BARK
COLOCYNTH PULP
COLOMBO ROOT
CORIANDER OIL AND SEED
DANDELION ROOT
DILL SEED, Indian
ERGOT OF RYE
FENNEL SEED, Indian
FOENUGREEK SEED
GENTIAN ROOT
GINGER, Jamaica, Calicut
GRAINS OF PARADISE
GUM ARABIC AMBER SORTS
GUM KARAYA, Whole and Powder
HELLEBORE ROOT WHITE
HERBA HERNIARIÆ
HERBE MENTHE
HOREHOUND HERB
IRISH MOSS
JUNIPER BERRIES
KAMALA POWDER
LAUREL LEAVES
LAVENDER FLOWERS
LINDEN FLOWERS, with Leaves
MAHUANG, Chinese
MARJORAM LEAVES
OAK MOSS
ORANGE OIL, Sweet
ORRIS ROOT
PEPPERMINT OIL
PIMENTO, Jamaica
POPPY SEED, Indian
PSYLLIUM SEED AND HUSKS
QUINCE SEED
RHUBARB ROOT
ROSEMARY LEAVES
ROSEMARY OIL
SAGE LEAVES
SARSAPARILLA ROOT
SAVORY
SENNA LEAVES AND PODS
STRAMONIUM LEAVES
STROPHANTHUS SEED
THYME LEAVES AND OIL
UVA URSA LEAVES
VALERIAN ROOT

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This manufacturing responsibility plus speed of production and delivery means a type of service that has won the complete confidence of our ever-growing list of customers. Call WHitehall 3-8281, or if you are in the Chicago area call FRAnklin 1094.

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R. J. PRENTISS & CO., INC.

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new crop to sell lower in the primary market when collection gets underway. One important primary market said recently that it was not profitable to collect for sale under $3 per pound.

Roots

Jalap.—Whole at 39c. to 40c. per pound and powder at 46c. to 47c. were more favorable for consumers and made possible by somewhat more favorable replacement operations. However, there was no real weakness at the source.

Mandrake.—Stocks in hand and in sight appear to protect manufacturing requirements well into the future. A slight disposition of primary market operators to press for sales was noted. Not much success reported.

Sarsaparilla.—Mexican was quoted 18½c. to 19c. per pound, a fractional rise that came with a lessened competition amount spot holders and a firmer position in the primary market.

Seeds

Anise.—Mexican recleaned material was lower at 19c. to 19½c. per pound. WPB representative says stocks are satisfactory and that Mexico has additional supplies.

Caraway. — Dewhiskered Morocco seed was shaded to 69c. to 70c. per pound. Syrian and Spanish held unchanged at 68c. to 69c., and 66c. to 67c., respectively. WPB representative says the supply is not plentiful, but that domestic production may relieve the situation.

Cardamom.—Decorticated lower at 95c. to $1 per pound. Green holds unchanged at 60c. to 65c. Bleached reasonably easy.

Celery.—Reduced on spot to 19c. to 19½c. per pound, which is very close to prices prevailing in India.

Coriander.—WPB representative reports a short supply. New York dealers say there is none. Domestic cultivation is by and for the account of a large maker of gin. Not a pound has come from North Africa after more than a year since prices were received by government agencies.

Dill.—Some dewhiskered material is expected shortly, and is offered at 17c. to 17½c. per pound.

—*Continued on page 62*

Chemical Allocations

—Continued from page 51

supply involving other than sodium metal.

Sodium Metasilicate

All requests for pentahydrate were granted in full. Since the one plant producing anhydrous sodium metasilicate will be shut down for a large part of the month, it was necessary to reduce the allocations of this material from the amounts requested.

Sodium Phosphates

Allocations of all sodium phosphates in July-August were granted in full for use in boiler water treatment, and for incorporation in foods and drugs.

Requests for trisodium phosphate for all other uses were cut to 200 percent of the average monthly consumption during the base period—July 1, 1941, through March, 1943. Primary distributors were allocated 200 percent of their average monthly purchases for resale during the same base period. Total allocation for trisodium phosphate amounted to approximately 90 percent of the total requests.

Requests for tetrasodium pyrophosphate were cut to 60 percent of the average monthly consumption during the base period or to 60 percent of present actual requirements—whichever was the lowest. Primary distributors were allocated 60 percent of their average monthly purchases for resale during the base period.

Requests for crystalline disodium phosphate were granted in full.

Requests for anhydrous disodium phosphate for all uses except as specified above were cut to 90 percent of average monthly consumption during the base period.

Sodium Nitrate

By-product sodium nitrate is being offered East of the Rocky Mountains to a limited extent beginning July 1 through December 31, 1944, for the manufacture of glass, depending upon type of glass manufactured. Allocations of regular grade nitrate of soda West of the Rocky Mountains for the manufacture of glass will be approved as during the past fiscal year.

Styrene

Natural:—Allocated as requested for oilproof resins.

Dichlorostyrene: — Allocated as requested for small orders.

Synthetic:—Allocated as requested for textiles and for research and experimental purposes.

—*Continued on page 59*

PEEK AND VELSOR INCORPORATED 100 GOLD ST. NEW YORK 7

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One Wife Wooed Solomon With

BOTANICALS

"Thy plants are an orchard of pomgranates, with pleasant fruits; camphire with spikenard.

"Spikenard and saffron; calamus and cinnamon, with trees of Frankincense, myrrh and aloes, with all the chief spices.

"A fountain of gardens, a well of living waters, and streams from Lebanon.

"Awake, O north wind, and come, thou south; blow upon my garden, that the spices there may flow out. Let my beloved come into his garden and eat his pleasant fruits."

Song of Solomon.

Lady! If only you could have wooed Solomon with botanicals from Peek and Velsor stocks!

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CRUDE BOTANICAL DRUGS From Forty Nations TRADE MARK

Essential Oils, Other Aromatics

Buying activity in the market for essential oils was less impressive during the past week Except for distinctly seasonable materials, the call had some aspects of that during the usually and normally less activity market during the Summer months. A fair amount of selling to meet the pressing needs of the moment was reported but not so much tendency to cover now the requirements of a more distant future was noted.

Notwithstanding this lessened activity, prices continued generally firm to strong. The basis of this strength was twofold. First, scarcity of unsold stocks. And, second, no price weakness in the primary markets still able to ship oils to this country. This twofold condition almost totally eliminated any tendency toward competition that, oftentimes during a period of lessened buying, tends to develop among dealers.

No further progress was noted as regarded additional imports of Italian lemon oil. The Army was understood to own oil as yet unshipped at Italian ports but none has been put aboard returning transports. The almost acute scarcity of oil for civilian uses would assure a warm reception for any future arrivals that come in free from distribution control by government agencies. Some bergamot from Brazil came into the market. Also, some peppermint oil from that country. Orange was an active article along lines definitely seasonal and stimulated further by the scarcities prevailing in other flavoring materials.

Peppermint was said to be making good progress in Michigan, the only production area not reported on in the recent release of the Bureau of Agricultural Ecomonics. Very little is said regarding the probable output of domestic spearmint, pennyroyal, tansy, erigeron, and wormwood. A fair crop of dill was said to be a reasonable prospect and substantial quantities have been already engaged for later delivery. Spice oils were all very firm since their production is limited to an acute degree.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
262.2	262.2	262.3	245.9

Essential Oils

Bergamot.—Stocks of oil made in Brazil gain by 16 cases but, so far as declared, no Italian oil reaches this country yet. There is a market for it, one that has been bare of stocks for many months.

Bois de Rose.—Firm in all respects. Stocks for open market trading were generally conservative. Much of replacement material goes direct to manufacturing consumers.

Cananga.—A very firm article in all respects. The distribution is irregular as to amounts available and sellers with goods to supply. There is almost total absence of competition locally. A replacement of stocks is impossible. Java and the Philippines are the natural primary markets.

Caraway.—No further rise noted in prices but scarcity is far more abundant than are supplies and in all respects it is a sellers' market.

Cardamom.—Additions to available supplies of raw material have been fairly substantial on the basis of declining prices. No recession in oil prices is expected in the nearby future. Distribution is irregular.

Cedarleaf.—Considering the time of year, rather more than the recent fair sized jobbing business was current in this article last week and the price level gained in spot stability; none was disposed to sell below the ceiling.

Cinnamon. — Consumers are kept supplied with fair sized quantities by the occasional arrivals of replacement goods. Costs of the same tend to keep the spot price stabilized within the limit of the GMPR ceiling.

Citronella. — Spot conditions remained very steady. Jobbing business was good but quantity transactions were not usual last week. Prices were well maintained. Stocks remained conservative.

Clove.—Intimations were that supplies of raw material would continue to reach here in fair quantities. Also, it is not unlikely that Madagascar will ship further quantities of oil to this market.

Coriander.—Inability to get imports of seed curtails the opportunity for a domestic distillation regardless of the fact that in normal times the yield obtained from imported seed made distillation here not always profitable in comparison with the price at which oil could be imported.

Dill.—Considerable selling against future requirements of larger manufacturing consumers has accounted for substantial quantities of the forthcoming crop of domestic oil. No over amount of oil is to be expected from India this year.

Ginger.—There was business to be taken but not all dealers had oil to sell. Reports from government sources indicated that the raw material supply situation is rather tough. The cost of Jamaica root has risen substantially in the past two weeks, and no Sierre Leone root from Africa is in sight.

Lemon.—Eagerness characterizes the way in which the trade looks to the Army for eventual relief from acute shortage of oil for civilian uses. A few hundred packages put aboard a returning army transport would go far to relieving the almost total absence of supplies on the civilian open market. It is the hands of the Army, which, it is believed, holds more oil in Italy but which to this time it has not loaded for America.

Lime.—Stocks gained to the extent of two lots, one of 12 cases and the other of 420 pounds. The goods come to a spot market holding but moderate supplies at the best. Nothing is forthcoming from Jamaica, home of the choicest oil and whose production goes mainly to Great Britain.

Nutmeg.—Inability to get raw material continues a stumbling block in the path of needed production. However, there has been a restoration of offerings of nutmegs originating in the Far East.

Orange.—Demand was brisk. Movement was along seasonal lines that have expanded in keeping with the scarcity of other flavoring oils. Prices were reported to be very firm in the absence of substantial competition. Stocks gained by 99 cases.

Pennyroyal. — Acute scarcity prevails and it remains to be seen whether domestic production will be stimulated by the absence of the normal reserves of imported merchandise. GMPR price control imposed limits to progress along those lines, it was said.

Peppermint.—So far as new market developments, conditions remained in status quo. Stocks of imported oil gained to the extent of 7 cases which did not come on the open market. Intimations regarding progress of the Michigan crop were mainly favorable but information lacks the official backing of the Bureau of Agricultural Economics which in the previous week provided data on all growing areas save that in Michigan.

Petitgrain.—Stocks were kept to the moderate side by the inability of importers to get regular replacements; they gained to the extent of 32 drums last week, much of which had been sold into consumption prior to arrival.

Rosemary.—Reasonably steady locally so far as price went but conditions were fairly favorable for consumer operations since supply was adequate.

Sandalwood.—Maintained in steady price position by the limitations existing as regards to raw material available for domestic distillation. Pharmaceutical houses continued to get fair deliveries.

Sassafras.—Stocks gained to the extent of 80 cases, most of which were earmarked for delivery to manufacturing consumers. Stocks on the open market continued to be comparatively light.

Aromatic Chemicals

Diphenyl Oxide. — Substantially steady to stabilized in price and sub-

For Current prices see alphabetical listing beginning on page 9.

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ject to a steady if not expanding consumer request.

Ethyl Acetate.—Former distributors of the NF VII quality to the aromatic chemical consuming trade lack supplies and report a more than fairly tight replacement situation with which to contend.

Ethyl Vanillin.—Demand was very good. Stocks unsold and unengaged were not very substantial in size and production was absorbed promptly.

Eugenol.—Held to a firm price position by the complete stability of prices prevailing on raw material, the supply of which has gained moderately.

Heliotropine.—Firm. Not overly plentiful but the more pressing requirements of consumers are being met to a fair extent. No price shading.

Ionones.—Undertones tend firmer as demand absorbs fair quantities of the supply which had been substantial for a considerable period.

Owens-Illinois Promotes Burns and Thayer

Earl Burns, manager of the Owens-Illinois Can Company's Baltimore branch for a number of years, has been named manager of the firm's Chicago branch, and J. Thayer has been named manager of the New York branch which he has headed as acting manager for several months.

Schering Files Patent Suit Against National Synthetics

Schering Corporation, Bloomfield, N. J., has field suit in the United States District Court for the Southern District of New York against National Synthetics, the manufacturer of "Dikol." In this suit the Schering Corporation charges that the National Synthetics' product "Dikol" is an infringement of its patent 2,345,384. This patent covers "Priodax," Schering's gallbladder contrast agent, as put out under that patent.

Boston BIMS to Golf

Boston BIMS will hold its next golf outing at the Charles River Country Club August 8.

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Petroleum Derivatives

In the face of the largest domestic production of crude oil ever recorded and a universal speeding up of refinery operations throughout the country, a shortage of residual oils, lubricating oils and liquefied petroleum gases available for civilian uses has now resulted from the ever-increasing war drains upon supplies of all these and kindred petroleum derivatives, created by the intensified operations on land, sea and air in the invasion campaigns in Europe and in the Pacific.

The dearth of these petroleum products, which has become most serious in the East and Midwest but which is also making itself felt to some extent in the Far West and on the Pacific coast, is being worsened by the diversion of most tankcars and other means of overland conveyance to the servicing of military needs.

The expansion of military requirements in virtually all petroleum products to a degree far greater than originally anticipated in connection with the invasion operations has been openly acknowledged by Deputy Petroleum Administration Ralph K. Davies in a call issued to refiners to push to the limit their production of petroleum derivatives listed in three preferential groups consisting of (1) 100-octane aviation gasoline and all its petroleum chemical ingredients; (2) 80-octane all-purpose gasoline, for powering motorized guns, armored cars, jeeps and many other military vehicles, and (3) the so-called 7-0-2 diesel fued needed in naval operations and for butadiene naphtha charging stock, the total output of all three of which is urgently required at this time in the current titanic offensive drives of the Allies.

With most other petroleum derivatives being placed under further restrictions on civilian sales, it is notable that allocation control has been lifted from mineral oil polymers, made by contacting gasoline with clay and by removing and treating the resultant gummy materials thus obtained from the gasoline. But these polymers, used chiefly in the manufacture of core oils for metal castings, constitute only a relatively unimportant derivative.

Solvents and Diluents

Aromatic Solvents.—Buying operations by non-military users of these high-solvency aromatic solvents have been accelerated and considerably expanded by the issuance of amended order M-150 which, as previously explained, has added substantially to the list of permitted uses set forth in its Schedule B while reducing the list of prohibited uses mentioned in Schedule A. Thus far, processors have not been seriously restricted in obtaining supplies of the base material, xylene, although the government authorities are holding down civilian use of xylol as much as possible.

Cleaners' Naphtha.—Buying interest on both military and civilian accounts continues seasonally keen. Market stable.

Lacquer Diluent. — Is still moving steadily into paint and varnish making channels. Prices well maintained.

Mineral Spirit. — Continues to be shipped in sizable volume. Tone firm.

Rubbert Solvent.—Synthetic rubber manufacturers are still taking virtually the entire current production of this material. Market strong.

Stoddard Solvent. — In unabatedly brisk demand on both military and civilian scores. Prices firmly held.

V. M. & P. Naphtha.—Moving uninterruptedly into paint-making channels, being bought especially largely by those engaged in war work. Tone strong throughout.

Market Trends

Prices Advanced

None

Prices Reduced

None

Markets at Other Centers

Chicago, July 21.—War requirements are still making themselves felt in various grades in the general classification of petroleum solvents and diluents to a point where the general market tone is one of strength. Offerings are not large.

Los Angeles, July 21.—The demand for solvents and diluents remains heavy with market tone very strong. Restrictions continue to tie up aromatic allocations, but the lacquer diluent situation has eased somewhat and most requirements have been filled.

Lighter Fractions

Butane. — With manufacturers of high-octane gasoline and synthetic rubber taking the lion's share of all of this liquefied gas currently becoming available, there is little now left for civilian uses. Prices strongly maintained.

Heptane. — Moving steadily. Tone stable.

Hexane. — Buying interest steadily increasing. Market firm.

Octanes.—Continues in good request. No change in price structure.

Pentanes. — Being shipped steadily into consuming channels. Tone firm.

Propane.—Conditions exactly similar to those noted in butane prevail in the market for this liquefied gas.

Petrolatums and Waxes

Amorphous Waxes.—A steady movement continues, with the standard process types in the lead. Market stable.

Paraffin.—Supplies of crude scale, recently built back to fairly sizable proportions, are expected to be considerably reduced by the expected heavy takings of government agencies on lend-lease account in the remainder of the third quarter and in the fourth quarter of this year. Refined grades continue in rather scanty supply.

Petrolatums. — U.S.P., veterinarian and technical grades continue in good demand, with a fairly sizable movement reported throughout the list. Prices strongly held.

White Mineral Oils.—Buying interest continues fairly keen in U.S.P. grades and only slightly less active in technical types. Although leading producers are still holding firmly to the old schedule of prices, smaller suppliers are reported to be making concessions to secure business.

Fuels and Lubricants

Crude Petroleum. — Another new peak has been reached in the domestic daily average production of crude oil. For the week ended July 15, the output rate has averaged 4,602,350 barrels daily, marking a new high-tide level, 23,350 barrels above that for the previous week.

But it is noteworthy that runs of crude oil to the stills for the same week have shown a decline from an average of 4,645,000 barrels to 4,575,000 barrels daily.

Supplementary information on the recipients of the premium payments to be made by the government authorities on and after August 1 to so-called "stripper" wells has been furnished within the past week by OPA. Among the other points elucidated in this latest OPA statement there has been an explanation of how crude oil pools, omitted from the list already announced as qualifying for these premium payments, may seek inclusion in

Liquefied Petroleum Gases Output

The rate of expansion in sales of liquefied petroleum gases showed a further shrinkage in 1943 when deliveries of 675,233,000 gallons were only 15 percent above the 1943 total of 585,440,000, according to the Bureau of Mines. Sales of liquefied petroleum gases, in thousands of gallons, in the United States between 1938 and 1943, follow:—

	Gallons					
	1938	1939	1940	1941	1942	1943
Butane	52,768	71,351	77,056	112,244	128,560	140,122
Butane-propane mixtures	56,050	69,020	123,348	219,252	301,917	312,683
Pentane	2,253	3,886	3,836	4,387	4,452	4,155
Propane	54,130	79,323	109,216	126,969	150,511	218,273

For Current prices see alphabetical listing beginning on page 9.

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that list on the basis of an average production in December, 1943, of less than nine barrels a day per well. Briefly, in such instances, applications for inclusion in this premium payment plan must be accompanied by a certified statement from the proper State conservation authority showing (1) the total production of the pool in December, 1943, and (2) the number of producing oil wells in the pool on December 31, 1943.

Gasoline.—Despite an increase of 444,000 barrels in gasoline production for the week ended July 15, nationwide stocks of gasoline have registered a decline for that week of 1,457,000 barrels to 82,252,000 barrels, as compared with 75,391,000 barrels a year ago.

OPA has tightened procedures for returning unused gasoline coupons to a local board when a car owner sells his vehicle to a dealer by requiring both parties in the transaction to sign a joint certification of the amount surrendered, if the dealer undertakes to return the coupons to the board.

As previously mentioned, the Petroleum Administrator has directed refiners to change specifications of civilian gasoline from 72 to 70 octane, thus reducing the anti-knock content, because of the hugely increasing needs of the air services for 100-octane fuel, requiring large quantities of tetraethyl of lead.

Alcohol Supply

—Continued from page 3

bushels may be used for alcohol production during the three months of July, August, and September.

The Chemicals Bureau of the War Production Board announced July 20 that it would permit cosmetic manufacturers to anticipate during the third quarter up to 50 percent of their fourth-quarter quota for alcohol under allocation order M-30. The purpose of this action is to permit these manufacturers to utilize the seasonal labor available during the Summer months, WPB said. Manufacturers who wish to take advantage of this opportunity must file WPB-2945 forms and request the alcohol, showing their fourth-quarter quota in column 10 of the form.

It was emphasized that manufacturers who borrow against their fourth-quarter quota would not be given any excess alcohol in the fourth quarter.

Reconversion Orders

—Continued from page 3

number of models necessary for strictly experimental purposes. It will not allow samples for sales promotion.

3. On July 29 will be issued an order permitting the placing of unrated orders for machine tools and equipment.

4. On August 15 will be issued an order which will set up procedures by which individual manufacturers who have facilities and manpower not needed for the war effort, and where the material is available, could get permission through the War Production Board field officers to make civilian articles not now allowed or to exceed present limits on the quantities of articles whose production at present is permitted.

Ole Berg, jr., has been appointed manager of marketing, a newly-created position for the Union Oil Company of California.

Royal Dutch Elects Van Hasselt Managing Head

B. Th. W. van Hasselt has been made managing director of the Royal Dutch Company. For some years Mr. van Hasselt has been in charge of Royal Dutch interests in Venezuela, with headquarters at Caracas. He succeeds James M. van Booy, who resigned to become Minister of Shipping in the exiled royal government of the Netherlands.

Shell Elects Vice-President

F. E. Rehm has been elected a vice-president of the Shell Oil Company, San Francisco. Mr. Rehm joined the Shell organization in 1916 in Ventura, Calif.

Earle H. Selby has been appointed vice-president in charge of sales for Harold H. Clapp, Inc., Rochester, N. Y.

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Fertilizer Materials

Although the general movement of fertilizer materials has mostly followed seasonal lines, manufacturing interest has increased in the nitrogenous materials situation. The general belief that the government will require sizable quantities of certain basic materials for essential military use is primarily responsible for the interest manifested. In view of the anticipated war demand for inorganics, mixers have hopes that the government will do something to expand the available supply of organic nitrogen for use in the manufacture of mixed fertilizers.

American Potash Institute states that the government program calling for a 21 percent increase in potash production over 1943-1944 represents 126,873 tons of K_2O, or a total of 731,000 tons for agricultural use during the coming year. Of this amount 650,000 tons is being allocated for the current period, June 30, 1944, to March 31, 1945. The balance will be allocated in January for period 5.

In another month the menhaden fishing season will be about over in the South. Most of the reports heard to date have been favorable, although weather conditions hindered operations last week. Sales of scrap have been made when producers were in a position to fill orders, thereby preventing any accumulation of supplies. The outlook for meal does not appear favorable, as it is claimed the differential allowed for grinding is not large enough to be attractive. On the West coast the situation is somewhat different. Feed manufacturers are in a position to place large orders for new crop fish meal to cover deferred needs.

According to Los Angeles advices, a large producer of ammonia nitrate on the coast has been forced by manpower shortage to delay shipments, following the cancellation of all June deliveries.

Nitrogenates

Ammonia Nitrate.—Buying interest has been stimulated by continued reports of a shortage of ordnance material for fertilizer use later in the year and also by an automatic price advance on August 1.

Ammonia Sulphate.—Possibility of a shortage in nitrate has created a broader inquiry for sulphate. Some sellers have advised customers to buy early, as they look for the supply situation to tighten as the year progresses. Industrial uses for July were granted 100 percent by WPB.

Bone Meal.—Some domestic material reached the market without attracting any unusual consumer interest. Buyers seem to have adopted a more conservative attitude during the off season, while sellers were not inclined to shade former views. War Food Administration shipped 200,000 pounds of meat and bone meal to Hawaii during May, also 120,000 pounds of liver and glandular meal.

Castor Pomace.—Entirely sold out for nearby shipment. Demand reported active and confined to civilian users. Mixers want this material, although it is understood that some has been taken by park departments.

Fish Meal.—No sales of this material were reported, although the scrap market in the Baltimore area has commanded more attention with the fiishing season well under way. Reports so far have been favorable regarding the menhaden catch.

Hoof Meal. — An occasional car reaches the market from a rather limited production. There was not much activity to note. A car lot sale was reported recently around the former price basis.

Soda Nitrate.—Industrial consumers seemed to be willing to adhere to the government's program of building up inventories in order to relieve pressure when the agricultural demand sets in after the turn of the year. The market's price position remained firm.

Tankage.—Improvement in the demand from feeders was reported and most of the domestic material for sale in both tankage and dried blood has been purchased at ceiling levels. While odd lots of foreign material arrive at intervals, it is reported that freight space is definitely difficult to secure at present.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
71.8	71.8	71.8	71.8

Phosphates

Phosphate Rock.—Mine production continued heavy under a steady demand for shipments from ascidulators. Producers are making a concerted effort to meet the increased output program as suggested by WPB. Transportation facilities seemed to be handling the movement without unusual difficulty and any improvement in the manpower shortage would greatly relieve the pressure on loading units. The market was quoted firm at lately revised levels.

Superphosphate.—Manpower shortage has continued to cause difficulty at producing plants, although every effort has been made to maintain production along the program suggested by the government. Demand has held well up to seasonal expectations with shipments behind schedule in some instances. Triple superphosphate has not improved its supply position owing to shipments for lend-lease account. The situation may ease later in the year, if additional producing units are completed and enough labor is available to man the plants.

Potashes

Deliveries by the five major producing companies within the United States, Canada, Cuba, Puerto Rico and Hawaii during the first quarter of 1944 amounted to 425,751 short tons of salts equivalent to 214,496 tons of actual K_2O, according to the American Potash Institute. Constituting this total were 391,795 tons of salts, equal to 193,331 tons of K_2O, designed for agricultural use, made up of 250,586 tons of muriate, 94,739 tons of manure salts and 36,841 tons of sulphates. Deliveries for use in the chemical industry amounted to 33,956 tons of salts equal to 21,164 tons of K_2O. Compared with the first quarter of 1943, these deliveries represent increases of 29,329 tons of K_2O for agricultural potash and 32,307 tons of K_2O for all potash delivered during the corresponding period of a year ago.

Sulphur and Pyrites

Regardless of the maintenance of steady production of sulphur, heavy shipments have succeeded in preventing stocks from expanding. The supply situation, however, seemed fully adequate to meet all essential requirements. Transportation facilities have been able to move material from mines promptly. Spanish pyrites remained nominally unchanged and will probably continue so until shipments can be booked with some degree of regularity.

Markets at Other Centers

Atlanta, July 21.—More interest in market for nitrogeous materials. Orders for synthetic nitrogens are being pressed in anticipation of an increased diversion to munitions. Both ammonia nitrate and liquid ammoniates are reported in active demand. High cost of superphosphate and organics create discouraging outlook for producing mixed fretilizers to sell at present ceilings.

Baltimore, July 21.—Menhaden fishing operations less productive than previous week, owing to high winds. Sales of scrap reported as material is made available at ceiling of $1.21 per unit. Superphosphate producers continue behind contract schedules on account of manpower shortage.

Chicago, July 21.—Somewhat reduced supplies in the live stock market have been reported recently, with the result that the nitrogenous fertilizer materials have been in slightly less plentiful supply. Meanwhile, demand for most materials has continued heavy and the general market aspect as a consequence is one of considerable strength. Blood and tankage are firm. Bone materials are moving well.

Los Angeles, July 21.—The market was very quiet here this week with organics at a dead standstill. A serious labor shortage at the major producing plant has delayed shipments on ammonia nitrate following the previous cancellation of all June shipments. Lack of offerings made for continued slow trading in fish meal, despite willingness of feed manufacturers to place large orders for new crop meal for deferred needs.

For Current prices see alphabetical listing beginning on page 9.

Chemical Allocations

—Continued from page 54

Sulphuric Acid

Allocations of sulphuric acid for delivery in the eleven Pacific coast and Rocky Mountain States were made in entirety. Control of production and distribution of sulphuric acid is exercised in the following states:—Washington, Oregon, California, Arizona, New Mexica, Nevada, Montana, Idaho, Wyoming, Colorado, Utah.

Theobromine

All requests granted in full. Used for medicinal purposes only.

Thiamin Hydrochloride

Requests of civilian medicinals were granted 100 percent on basis of use during base period. Foods were granted 100 percent of requests.

Toluene

Initial July allocation was made as follows:—Zinc chromate primer, 10,621 gallons; miscellaneous protective coatings, 63,066 gallons; cable coatings and saturants, 61,641 gallons; aircraft coatings, 59,535 gallons; food container coatings, 30,330 gallons; ammunition lacquer coatings, 13,231 gallons; dyes and dye intermediates, 77,551 gallons; solvents, 67,222 gallons; neoprene solvent, 14,328 gallons; food preservatives, 1,395 gallons; medicinals, 32,194 gallons; adhesives, 47,972 gallons; laboratory and research, 3,795 gallons.

Urea, Crystals

Industrial requirements have fallen off in July. All requests were granted in full. Demand for feed purposes has been greatly reduced, and the surplus is going into fertilizer.

Urea and Melamine Aldehyde Resins

1. **Protective Coatings:**—Allocations to civilian uses for July were made as follows: urea and/or melamine aldehyde resins containing phthalic alkyd resins were allocated for those end uses permitted in accordance with the July policy under M-139.

Requests for all other urea and/or melamine aldehyde resins were granted in full to the following end uses: Transportation; electrical and communication equipment; industrial machinery equipment and tools; textiles and leather; health, safety, and scientific equipment; office supplies and equipment; laundry kitchen and refrigeration equipment; furniture; building materials and buildings; containers, packages and accessories; miscellaneous (including buttons, buckles, and helmets, and use with allocated phthalic alkyd resins).

2. **Molding Compound:** — Allocations covering civilian items were made on the following basis: allowed in full for ignition and insulation, buttons; drug, pharmaceutical, cosmetic and other closures; cosmetic and other containers; hardware and domestic appliances; wiring devices; lighting reflectors; tableware; kitchenware; thermos caps; and office equipment. Allowed in full, but on a "defer" basis for wine and liquor closures.

3. **Adhesives, Specialties, and Textiles:** Allowed in full for all requests.

4. **Laminating:**—Granted in full for the following end uses: table tops for war industries, hospitals, mess halls, U.S.O., schools, public eating places; instructive panels for industries; industrial electrical insulation; sole leather replacements for rationed shoes.

Vinsol

This order has been revoked.

Vinyl Polymers

Polyvinyl Acetate:—Requests granted 100 percent for adhesives; bandages; containers-food and drug packaging; dairy filters; electrical equipment and insulator; maps; optical equipment; padding and tabbing cements; photographic supplies; pressure sensitive tape; shoes and leather goods.

Polyvinyl Alcohol:—Requests granted 100 percent for adhesives; containers-food and drug wrapping; dairy filters; experimental; extruded-hose; film; maps; protective coating and waterproofing; textile and paper sizing.

Polyvinyl Butyral:—A small amount of scrap was allocated for industrial protective clothing, hospital sheeting and shoes.

Polyvinyl Formal:—Applications approved 100 percent for hospital sheeting.

Xylene

Initial July allocation was made as follows:—Protective coatings, 1,389,364 gallons; blends controlled by M-150, 709,349 gallons; cleaning, 33,238 gallons; dyes and intermediates, 10,765 gallons; medicinals, 6,630 gallons; adhesives and cements, 67,692 gallons; printing inks, 18,935 gallons; laboratory and research, 4,999 gallons.

Potash Salts Deliveries For First Quarter Reported

Total deliveries of potash salts within the continental United States, Canada, Cuba, Puerto Rico and Hawaii by the five major producing companies during the first quarter of the calendar year 1944 were, as compiled by the American Potash Institute, as follows:—

	Jan.-Mar., 1944	Jan.-Mar., 1943
Muriate	156,132	137,464
Manure salts	23,454	15,284
Sulphate and sul. pot. mag.	13,746	11,255
Total agricultural	193,332	164,003
Chemical potash	21,164	18,186
Grand total	214,496	182,189

Domestic SULPHATE of AMMONIA AND AMMONIA LIQUOR
MADE IN THE U.S.A.
Barrett NITROGEN
THE BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 RECTOR STREET • NEW YORK 6, N. Y.

FERTILIZER MATERIALS
Conditioners and Fillers A Specialty
THE DICKERSON COMPANY
BROKERS — IMPORTERS — EXPORTERS
DREXEL BUILDING - - PHILADELPHIA 6, PA.

Producers of
SULPHUR
Large stocks carried at all times, permitting prompt shipments . . . Uniformly high purity of 99½% or better . . . Free of arsenic, selenium and tellurium.
TEXAS GULF SULPHUR Co. Inc.
75 E. 45th Street New York 17, N.Y.
Mine: Newgulf, Texas

FMC

Maintain Production with *Ready* FMC EQUIPMENT

2 GRUENDLER HAMMERMILLS
No. 4 16″x24″ — No. 4½ 12″x18″

2 Williams Hammermills Requiring 40 HP and 60 HP

One MIKRO No. 4 24″ PULVERIZER Directly connected to a 75 HP 3 ph. motor

1 RAYMOND 00 MILL
V belt driven—35 HP motor, complete with accessories—Fan, Collectors, Blower, etc.

TABLET PRESSES
1—Stokes "O" Single Punch—¾″ dia.—11/16″.
1—Stokes "H" Single Punch—1½″ dia.—2″ fill.
1—Richards Single Punch—2½″ dia.—1¼″ fill.
1—Stokes "R" Single Punch—2½″ dia.—2″ fill.
All arranged for pulley drive.

SIFTERS—SCREENS
1—Orville Simpson Rotex No. 20—20″x64″; 4 separations; P.D.
1—Orville Simpson Rotex No. 32—54″x120″; 2 separations; P.D.
1—Schutz O'Neill No. 3 Gyratory—36″x72″; 1 separation; P.D.
1—Tyler Hummer Vibrating Screen—36″x60″; 1 separation.

BALL AND PEBBLE MILLS
1—Thropp Silex Lined—7′x6′ Mill; 800 gal.
1—Steel Ball Mill—3′x6″x7′8″; 300 gal.
1—Hardinge Ball Mill—new liner; 8′x22″.
4—Mushroom Ball Mills—14″ to 48″ dia.; complete with charge of steel balls.

DIGESTERS
1—Rotary Jacketed Steel Digester—6′x13′—also may be used as Jktd. Ball Mill—has 3 ton Steel Balls.

CRYSTALLIZERS—EVAPORATORS
1—Buffalo All Bronze Crystallizer—50 gal. 3′x3′; bottom jacketed.
2—Crystallizers, Buffalo and Devine—6′ dia. x 37″ high—pulley drive.
3—Pfaudler Glass Lined Jacketed Crystallizers or Evaporators—28″ dia. x 10″ deep.

DRYERS AND KILNS
2—Devine Rot. Vac. Dryers—3′x25′—5′x30′.
1—Devine Hor. Vac. Dryer—6′4″x15′.
1—Buffalo Vac. Drum Dryer—20″x24″.
2—Louisville Tub. Steam Dryers—6′x35′.
2—Louisville Coolers—6′x25′.
8—Mosser Rotary Kilns—7′6″x60′.
1—Gehnrich Festoon Type Dryer—56″ w. x 9′7″ h. x 20′6″ l.

HEAVY DUTY MIXERS
1—W. & P. 250 gal.—double arm, fishtail.
3—Barber 50 cu. ft. Jacketed Mixers — bottom dump; gravel, asphalt, compounds.
1—Howes, 3000 lb. Dry Ribbon type—3′x12′.
1—Day 2500 lb. Jktd. Ribbon type—30″x10′.
2—Day Single Arm, double Gear—Jktd. 175 gal.
1—Broughton Dbl. arm—54″x47″x23″.

What Have You For Sale?

FIRST MACHINERY CORP.
EAST 9th STREET AND EAST RIVER DRIVE
NEW YORK 9, N. Y.

Business Wants and Offers

RATES PER INSERTION—PAYABLE IN ADVANCE

Help Wanted and Positions Sought—Minimum $2.00, thirty-six words or less; 35c for each additional six words.

All Other Classified Advertisements—$5.00 thirty-six words or less; 85c for each additional six words or fraction.

Agents Wanted

MANUFACTURERS AGENT wanted: Now serving paint and varnish manufacturers to sell a line of grinding liquids in the middle west. BOX 233, Oil, Paint and Drug Reporter.

AGENT WANTED—Now serving flavoring extract manufacturers in Eastern States. BOX 258, Oil, Paint and Drug Reporter.

Containers Wanted

WANTED: Five thousand one gallon square cans in cartons. Farboil Paint Co., Key Highway, Baltimore 30, Md.

Equipment Offered

FOR SALE—Covered steel storage hopper, 2,000 cu. ft. capacity; 14 ft. 0 in. dia. x 11 ft. 0 in. straight height, with 6 ft. 6 in. conical bottom. Set on 4-8 in. I columns. Overall height 27 ft. 6 in. Complete with cover, access manhole and slide gate. Very good condition. Sketch furnished to prospective purchaser. Located in Staten Island, N. Y. BOX 241, Oil, Paint and Drug Reporter.

Equipment Wanted

WANTED—Our expansion program requires additional equipment. We need iron and wood filter presses, jacketed kettles, mixer, pulverizer, dryer, etc. No dealers. Send your offerings to BOX 225, Oil, Paint and Drug Reporter.

Equipment Wanted

WANTED—Second-hand Patterson 4 ft. 6 x 4 ft. 6 hi-speed chrome manganese steel ball mill, capacity 300 to 400 gallons, motor driven; or a silex-lined pebble mill, capacity 500 to 700 gallons, motor driven. BOX 264, Oil, Paint and Drug Reporter.

Financing Offered

FINANCING ARRANGED for paint-varnish manufacturing companies. Also funds to heirs, legatees, trust estates, etc. State requirements, etc. Confidentially. BOX 243, Oil, Paint and Drug Reporter.

Back 5th War Loan Drive — *BUY WAR BONDS*

LIQUIDATION MACHINERY AND EQUIPMENT OF FORMER
CENTRAL SUGAR CO., Decatur, Indiana

1—Battery of 5—40″ BRONZE BASKET, Western States 1600 RPM, belt driven CENTRIFUGALS, ball bearing, water-cooled heads; mixer with Stevens mingler coil, syrup troughs, all supporting framework, unloaders.

1—Battery 6—40″ and 1 battery 4—40″ American Tool BRONZE BASKET, 1200 RPM., belt driven CENTRIFUGALS, plain bearings, mixer, supporting framework, syrup troughs, unloaders.

1—12,000 sq. ft., QUADRUPLE EFFECT, all steel, vertical tube EVAPORATOR, complete with all piping, pumps, etc.

1—10,000 sq. ft., QUADRUPLE EFFECT, horizontal, brass tube EVAPORATOR, with all piping, pumps, etc.

4—8′x12′ All Steel OLIVER FILTERS, complete with all pumps and receivers.

3—8x10 Wood Stave OLIVER FILTERS, complete with all pumps and accessories.

3—No. 12 SWEETLAND FILTERS, iron leaves on 4″ centers.

8—JUICE HEATERS, 500 to 750 sq. ft. H. S.

1—Hersey double unit ROTARY DRYER OR GRANULATOR.

2—Burman ROTARY DOUBLE SHELL DIRECT HEAT PULP DRYERS.

Miscellaneous: Crystallizers, Pumps, Package Machinery, Dryers, Coil and Calandrin Pans

Send for Printed Circular
Arrange to Inspect

LIQUIDATION
Complete WHITING PLANT
AT BAYONNE, New Jersey

1—24″ dia. x 40″ PENNSYLVANIA SINGLE ROLL CRUSHER.
1—18″ x 18″ LANCASTER TWO-ROLL CRUSHER.
1—HARDINGE CONICAL PEBBLE MILL, 6′ x 36″, silex lined, silent chain drive, motor and starter.
3—DORR BOWL CLASSIFIERS—10′ dia. bowl with 2′3″x19′8″ rake, 12′ dia. bowl with 2′3″x21′4″ rake, 15′ dia. bowl with 2′3″x23′ rake.
1—OLIVER DUPLEX DRY VACUUM PUMP, 14″ x 8″.
1—HARDINGE CONSTANT WEIGHT FEEDER, with motor.
3—DORR THICKENER MECHANISMS—Trays and Superstructures for 20′ dia. x 10′; 30′ dia. x 12′; 40′ dia. x 12′.
6—DORRCO DIAPHRAGM PUMPS, single and duplex.
1—8′ x 8′ OLIVER ROTARY CONTINUOUS VACUUM FILTER.
3—RAYMOND BROS. "IMP" PULVERIZERS, 1—No. 30, 2—No. 40. Each with direct connected motor starting equipment, cyclone collector, tubular dust collector and all inter-connecting piping.
1—HORIZONTAL STEEL STORAGE TANK 8′x28′ 10,000 gal.

MISCELLANEOUS: Packers, Fuel Oil Pumps, Magnetic Separator, Portable Drills, Electric Grinder, etc.

Special Items from Stock

56—(NEW) STAINLESS STEEL steam jacketed KETTLES, up to 500 gal. cap. AA3 needed.

2—70″ x 30′ RUGGLES COLES DIRECT HEAT ROTARY DRYERS, Type A-9.
1—5′ x 12′ Vacuum DRUM DRYER, Buffalo Foundry complete with accessories.
10—ROTARY VACUUM DRYERS; 3—Buffalo 5′x20′; 3—Devine 4′x25′; 1—Devine 4′x30′; 1—Struthers Wells 30″ x 12′.
2—ATMOSPHERIC DRUM DRYERS 4′x 12′.
1—28″ x 60″ ATMOSPHERIC DOUBLE DRUM DRYERS, m.d.
2—Buffovak 6′ dia. Jack. Vacuum CRYSTALLIZERS or VACUUM PAN DRYERS.
4—6 TRUCK DRYERS, Philadelphia Textile.
9—Direct heat ROTARY DRYERS 4′ x 30′, 5′ x 30′, 70″ x 30′.
1—7′6″ x 75′ Indirect Heat ROTARY DRYER.
4—PEBBLE MILLS, 1—4′ x 4′ Burrstone Lined; 1—32″ x 42″ Rubber Lined; 4—30 gal. porcelain lined. Other Sizes.
3—CRUSHING ROLLS, 40 x 16″ Colorado Iron Works; 36″ x 16″ Sturtevant.
6—DRY POWDER MIXERS various sizes. To 3000 lbs.
2—W. & P. MIXERS, sizes 21-X-DB Jacketed 625 gal.
2—4-Roll RAYMOND HIGH SIDE MILLS for extremely fine pulverizing.

2—LOUISVILLE Rotary Steam TUBE DRYER, 6′x35′. Each equipped with 2 rows of tubes, recent model.

1—4′x6′ OLIVER CONTINUOUS FILTER; 2—8′x8′
8—HEAT EXCHANGERS, 50 to 1600 sq. ft. heating surfaces; 5 copper, 2 steel tubes.
6—RAYMOND PULVERIZERS; 4-Roll Low Side; No 3, No. 1, No. 0000.
1—Day No. 30 Imperial Jack. MIXER 75 gal.
8—RUBBER LINED Rectangular TANKS; 7—500-gal.; 1—150 gal.
29—CENTRIFUGAL EXTRACTORS, 12″ to 72″ bronze and steel baskets, belt and motor drives.
1—PNEUM. SCALE CARTON PACKAGING UNIT
1—Pneumatic Scale Co. Auto. tight WRAPPER.
2—Batteries of two each TYLER HUMMER SCREENS 4′x5′, single deck, other sizes
1—36′ dia. Cast Iron COLUMN, 23″ high.
1—355 c.f.m. AIR COMPRESSOR, with A. C. Motor
1—Devine duplex VACUUM PUMP 16 x 16 x 12.
2—STOKES steam heated WATER STILLS, 5, 10 gal. per hour.
1—Day 5-gal. jacketed MOGUL MIXER.
9—Hardinge BALL MILLS, 3′ x 8″, 3′ x 36″, 6′ x 36″; also 6′ x 12′ Rod Mill.
5—ROTARY KILNS, 4′ x 30′ 6′ x 60′, 8′ x 125′, 8′ x 135′.
2—BELT CONVEYORS, 30″ x 130′, 16″ x 65′.
3—Dracco Perfecto Type AAA DUST COLLECTORS.
1—Abbe Blutergess No. 2 SIFTER; 1—No. OS, m.d.
2—Gen. Ceramic 40″ dia. x 15′ high ABSORPTION TOWERS.
30—Jacketed Kettles, 20 gal. to 2000 gal.
3—ROLLER MILLS, 6′ x 14″, 12 x 30, 16 x 40 water cooled.
2—K. K. 18-spout Rotary Gravity hand FILLERS.
1—Pneumatic Scale straight line BOTTLE CLEANER
4—150 gal. aluminum TANKS, cone bottom.
1—Stokes No. 21 GRANULATING MIXER, 50 lb. belt driven.
4—Granberg LIQUID METERS.
1—No. 7; 2—Colton TUBE or JAR FILLER.
2—Colton No. 0 TUBE or JAR FILLER.
2—Colton hand TUBE FILLERS and CLOSERS.
2—Jones Automatic CARTONERS.
2—Anderson PACKAGING UNITS.
2—World Rotary auto. LABELERS
1—C. C. & S. 7-head Jumbo CROWNER.

EXPELLERS
6—Anderson No. 1 OIL EXPELLERS, with feeders, tempering apparatus, 15 HP AC motors—rebuilt.

1—Sperry Iron FILTER PRESS, 36″ x 36″, 38 chambers.
7—50 gal. copper steam jacketed VACUUM PANS, complete, other sizes to 750 gal.
1—Robinson 22″ ball bearing ATTRITION MILL, with 2—15 H. P. A. C. motors.
1—300 gal. COPPER steam jack. KETTLE, with bronze agitator.
1—Pneumatic Scale Co. Auto. 6 head CAPPER & CAP FEEDER, M. D.
1—(new) Stokes "F" single punch TABLET MACHINE, 1½″, var. speed and A. C. motor; 1—Stokes T, ⅝″, belt driven.

1—No. 12 SWEETLAND FILTER with 36 monel leaves, 250 mesh, grooved.

WANTED: Idle Machines
Single Items or Complete Plants.
You can help War Production by sending us your list.

We Buy and Sell From a Single Item to a Complete Plant

CONSOLIDATED PRODUCTS CO., INC.

13-18 Park Row
New York 7, N. Y.

FOR OVER 25 YEARS A SYMBOL OF CONFIDENCE

Shops: 335 Doremus Ave.
Newark 5, N. J.

Materials Wanted

WILL PURCHASE your surplus stock of chemicals, drugs, oils, waxes, dyes, solvents. Are you overstocked due to formula change or government cancellations? Write fully. Will make immediate offer. BOX 237, Oil, Paint and Drug Reporter.

DO NOT wait until conditions further limit prospects of disposing of top-heavy inventories. Will purchase surplus unshipped commodities all kinds. Particularly interested gums, waxes, spices, botanicals, oils, greases, pharmaceuticals, chemicals. BOX 238, Oil, Paint and Drug Reporter.

STAINLESS STEEL TANKS
100 and 200 gals. with dished bottoms and stands.

STERILIZERS
New, 18"x18", with clamp cover, copper basket, safety valve, gauge and 3-burner gasoline stove, also steam coil $75.00 each.

COPPER COATING PAN
J. H. Day 66" in diam. mounted on stand with tight and loose pulley.

STEAM JACKETED TANK
9' dia. x 5' deep, flat bottom, with heavy duty agitator, 100 lbs. W.P.—also Copper Jacketed Kettles.

H. LOEB & SON
4603 Lancaster Ave. Philadelphia 31, Pa.

SPECIALS!

2—Fletcher 40" Centrifugals, motor driven, bottom discharge, with Louis Allis 10 HP High Torque Motors, 3/60/220 volt.

2—6'x5' Jacketed Closed Pressure Kettles.

1—Kent High Speed 13"x33" 4 Roller Mill, 20 HP motor.

1—Shriver Diaphragm Pump, 45 gpm, 5 HP motor.

4—Oliver Rotary Filters, 5'x8' 8'x3½', 8'x8', 8'x11'.

5—Shriver and Independent 24" and 42" Wood Filter Presses.

1—Johnson 24" Plate and Frame, closed delivery Press, with 36 plates and frames, ½" cake.

29—Centrifugals, 32", 40", 48" steel, bronze baskets, motor driven, top. bottom discharge.

3—Hersey Rotary Dryers, 5'x30', 5'x21'.

2—Scott 4'x8' Vacuum Cookers.

1—Buffalo 24"x20" Vacuum Drum Dryer.

5—Rotary Dryers, 4'x30', 6'x42', 6'x60'.

1—Union Viscolizer, 100 gph.

1—Raymond Mill, No. 0000, ball bearing, with 15 HP motor.

2—Jeffrey Hammer Mills, 36"x24", 24"x18".

10—Abbe Pebble Mills, 30 to 200 gal.

3—Roller Mills, 9"x24", 12"x30".

4—Tyler Screens, 3'x5', 4'x5'.

1—Stokes Steel Vacuum Pan, 100 gal.

2—1750 gal. Lead Lined Pressure Tanks.

2—Jacketed Stills, 500 and 350 gal., with columns and condensers.

10—Condensers, 20 to 300 sq. ft.

4—Jacketed, Agitated Steel Kettles, 650, 600, 375 gal.

5—Jacketed, Closed Steel Receivers, 45, 60, 100 and 200 gal.

1—Copper Rotary Dryer, 6'x17'.

2—Marcy 6'x41½' Manganese Lined Ball Mills.

3—Sharples No. 6 Super Centrifuges, motor driven.

2—6' Buflovak Atmospheric Crystallizers.

Miscellaneous: Complete stocks pumps, tanks, filters, boilers, etc.

Partial List Only. Your Inquiries Solicited.

WANTED: Your idle equipment. Help the war effort by sending us your lists today. We buy single items or complete plants.

BRILL
Equipment Co.
225 West 34th Street
New York 1, N. Y.

Patents Offered

ON ACCOUNT of other activities, will dispose of patents on unique and successful plastic sealing and caulking compound. Would consider equitable offer or proposition. For full particulars inquire BOX 256, Oil, Paint and Drug Reporter.

Positions Vacant

WANTED—EXPERIENCED pharmaceutical chemist, preferably a Ph.D. Small growing company located in Los Angeles. BOX 254, Oil, Paint and Drug Reporter.

CHEMICAL SALESMAN

Opportunity in southern California for salesman familiar with raw materials and chemicals used in paint and rubber manufacturing. State age, experience and earnings.

Reply
Post Office Box 1391
MAIN POST OFFICE
Los Angeles 53, California

2—Batteries (9 and 11) Tolhurst 40" Suspended Type, Centrifugals, Motor Driven, Bottom Discharge.

1—F. J. Stokes 3'x15' Rotary Vac. Dryer.
1—Raymond No. 10 Imp Mill, complete.
1—3 Roll High Side Raymond Mill, complete.
3—No. 0000 and No. 0 Raymond Mills.
1—Ertel 3 Spt. Vac. Bottle Filler.
1—Johnson 12" sq. Plate & Frame Iron Filter Press.
2—Bonnot 27" dia. Recessed Iron Filter Press.
6—Autoclaves, 200 to 1500 gals.
12—Vertical, jacketed, agitated Kettles, up to 1600 gals.
3—75 & 1500 gal. lead lined closed Kettles.
1—Dopp 50 gal. Jacketed, Agitated Kettle.
5—20, 35 & 150 gal. Closed, Agitated, Jacketed Copper Kettles.
20—50 gal. Vert. Agitated Steel Tanks with Nettco Drives.
1—Single Punch Preform Tablet Machine, ½".
3—Ball & Jewell Rotary Cutters.
3—Homogenizers, 5 HP & 10 HP.
4—Watson-Stillman Hydr. Pumps.
1—25 gal. Ross Double Arm Heavy Duty Tilting Mixer.
6—Horizontal Mixers, 25 to 150 gals., Single & Double Arm.
1—Faust 150 gal. Jack. Spiral Mixer.
2—Coombs Gyratory Sifters, 1/3 & ½ HP.
1—Schutz-O'Neill No. 3 Gyratory Sifter.
2—Robinson 20" M.D. Attrition Mills.
1—Howe Barrel & Bag Packer.
2—4000 gal. Vert. Acid Proof Tanks.
1—Nash No. 3 Vacuum Pump.
1—No. 3 Oliver 14"x8" Duplex Vacuum Pump.
1—Penn. Vac. Pump, 14"x5".
2—Worthington 12"x12"x12" Vacuum Pumps.
2—DeLaval Separators, Lab. size & No. 302.
2—DeLaval Multiple Clarifiers, Nos. 300 & 600, motor driven.
2—Ross 8 & 15 gal. Pony Mixers.
1—Ross 2 Roll Granite Stone Mill, 8"x12".
2—5 Roll water cooled 16"x40" Steel Roller Mills.
2—Ross 3 Roll Water Cooled 12"x30" & 16"x40" Steel Roller Mills.
3—Double Stand Steel 4 Roller Mills, 7"x18", 7½"x20" & 7½"x30" Rolls.
10—Pebble & Jar Mills, Lab. to 50 gal.
1—Tolhurst 40" Centrifugal.
8—Stone Mills, 8" to 32".
8—Lead & Paste Mixers, 50 to 135 gals.
5—Varnish Kettles, 100 to 200 gals.
10—Steel Tanks, up to 4000 gal.
1—Schutz-O'Neill No. 1 Sugar Pulveriser.
2—Schutz-O'Neill 18" & 20" Pulverizers.
2—Double Roll Crushers.
2—Williams No. 2XX & No. 3 "Regular" type Hammer Mills.
10—Electric Agitators, ¼ to 2 HP.
20—Rotary, Centrif. & Triplex Pumps.
4—Gas Boilers, 1 to 10 HP.

Only Partial Listings
Write for Complete Bulletins
We Buy Your Surplus Machinery

STEIN EQUIPMENT COMPANY
Department E
425 BROOME ST., NEW YORK 13, N. Y.

Positions Vacant

CHEMIST WANTED—Seeking man who has developed new products for postwar market, such as household cleaners, powder paints and similar specialties which can be marketed in powder form. Give full particulars regarding developments, background, remuneration, etc. BOX 228, Oil, Paint and Drug Reporter.

RESEARCH DIRECTOR — Medium-sized old-established coated fabrics manufacturer, located in the east, wants a chemist, now or later on, to take charge of both our laboratory and research work. Excellent salary and prospects for a man with knowledge of resins and pyroxylin. Coating experience desirable but not essential. All replies will be held in strict confidence. BOX 247, Oil, Paint and Drug Reporter.

CHEMIST WANTED — Young chemist wanted by progressive lacquer and synthetic enamel manufacturer. Good opportunity for energetic man desiring permanent connection. State full details. BOX 253, Oil, Paint and Drug Reporter.

GLUE SERVICE man with following in plywood and furniture trades, wanted by manufacturer of synthetic resins, to sell and service urea and phenolic types of resin adhesives, highest quality. Commission or other satisfactory arrangement. Give full details, your experience and present connection. BOX 234, Oil, Paint and Drug Reporter.

YOUNG CHEMIST, man or woman, for research work in field allied to paint industry. Experience not as important as ambition although must have sound chemistry education. Give complete information and salary desired. BOX 257, Oil, Paint and Drug Reporter.

CHEMIST—GRADUATE, experience preferred, oleo-resinous, pyroxylin, plastic coatings on fabrics. Excellent opportunity. Now and post-war. Write full details. BOX 265, Oil, Paint and Drug Reporter.

IMPORT-EXPORT house with world-wide connections requires departmental head for chemicals and allied products. Applicant must be highly experienced and versatile, have thorough knowledge trade, acquaintances and contacts enabling him to continue as well as create remunerative, steady business. All replies strictly confidential. Please write fully. BOX 267, Oil, Paint and Drug Reporter.

FOR SALE

4—100 gallon WERNER & PFLEIDERER mixers
3—12 in. x 30 in. Roller Mills
2—16 in. x 40 in. three steel roller mills
PONY MIXERS from 2½ gallons to 40 gallons
5—Change Can Mixers
1—Kent 9 in. x 22 in. - 5 roller Hi ROLLER MILL
3—32 in. x 36 in. PEBBLE MILLS
10—1000 gallon steel square storage tanks
10—2000 gallon steel square storage tanks
5—9 in. x 24 in. motor driven roller mills

Specializing in Rebuilt Machinery
IRVING BARCAN COMPANY
50 CHURCH ST., NEW YORK 7, N.Y.

Positions Vacant

FACTORY MANAGER wanted, one familiar with soap manufacturing for established plant in midwest. Complete charge of plant and production. Ability to handle employees and technical background in soap manufacturing required. Right man will receive substantial salary and permanent position. Apply giving full particulars of education and experience. BOX 262, Oil, Paint and Drug Reporter.

EXECUTIVE INK chemist—Large eastern publisher (essential rating) seeks chemist fitted by personality, education and experience to assume responsibility for standardization, evaluation and servicing of inks for high-speed magazine printing. Preferably a graduate chemist between 30 and 40, with executive technical experience in printing or closely allied field. Exceptional opportunity for a leader who can inspire the confidence and cooperation of his associates. In reply state qualifications, experience and salary expected, and enclose a snapshot. BOX 266, Oil, Paint and Drug Reporter.

GLYCERINE MAN—Fatty acid manufacturing plant in North Jersey desires man experienced in treating, evaporating and distilling of saponification glycerine, to take charge of its glycerine manufacturing. Permanent position, good future. Box 391, 159 East 34th street, New York 16, N. Y.

Positions Wanted

EXPORT EXECUTIVE, at present employed. Over twenty years' experience in every phase of export in the U. S. and abroad. Thoroughly familiar with documentation, credits, collections, traffic and all present government requirements. Excellent record of accomplishment, fluent in the principal commercial languages, widely travelled, thoroughly competent and reliable. Available to progressive organization to establish export department or as foreign representative. BOX 242, Oil, Paint and Drug Reporter.

CHEMICAL ENGINEER, experienced in production and application of finishes and dressings for the leather industry, wishes connection with paint plant to establish a new department. Able to take full charge. Best references. BOX 260, Oil, Paint and Drug Reporter.

—Continued on page 62

FOR SALE

1—3000 lb. Wolf horiz. Batch Mixer.
2—4 x 6' Atmospheric Drum Dryers.
1—No. 30 Day Imperial Mixer.
1—6 x 15' Allis Chalmers Tube Mill.
2—Colloid Mills requiring 40 hp. each.
2—12 x 32" and 16 x 48" 3-roll Mills.
4—Lead Lined Tanks, 400-1000 gallons
2—Blue Streak Hammer Mills—15K and 20J.
1—No. 150 Kelly Filter.
1—2 x 5' Double drum Flaking Roll.
2—3 x 6' and 4 x 9' Lard Rolls.
1—Roll Briquetting Machine.
1—26 x 24" Link Belt type A 2-roll Crusher.
2—No. 2 and No. 3 Austin Gyratory Crushers.

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Send for Our Removal Bulletin "R" for complete list of offerings.

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Jacketed Autoclave, 500 gal. with ag.
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Shriver Diaphragm Pump, 100 GPM.
Buffalo Vac. Drum Dryer, 24" x 20".
Stokes "T" Single Punch Tablet Machine.
Rotary Tablet Mach. Type Stokes D-1".
Shriver 24" Wd. P & F Filter Press, C. D.
Abbe Pebble Mill, 200 Gal. Silex Lined.

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59 E. 4th Street, New York 3, N.Y.

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1—6' x 8' Vertical Steel Riveted Removable Cover—1600 Gals.

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1—3'-6" x 5' Vertical—Steel Welded Lead Lined Agitator—350 Gals.

1—4'-8" x 3' Vertical—Steel Welded Agitator & Drive, 350 Gals.

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PRODUCERS Export organization now planning for post-war business desires to contact producers for export representation or exclusive selling rights. We ship a considerable volume of raw materials, chemicals and pharmaceuticals to all foreign markets. Our worldwide coverage and many years experience will assure firms not engaged in export of a substantial and continuous outlet for their products now and after the war. We will finance all purchases and relieve you of all export problems. If interested please write BOX 261, Oil, Paint and Drug Reporter.

Peek & Velsor Moving To 110 William Street

Peek & Velsor, the oldest firm of botanical drug merchants in the United States, on July 31 will move its New York headquarters office to a new address at 110 William street, New York 7, N. Y. The telephone numbers are Rector 2-5452-3-4. For a number of years the company has been located at 100 Gold street.

Additional facilities wherewith the better to serve botanical drug buyers will be available to the company at its new address. The offices are on the twentieth floor of the building at William and John streets, a building which has direct entrance to the Seventh avenue line of the BMT, and the Eighth avenue line of the Independent subway, at the Fulton street stations. The Lexington line of the IRT is two blocks east from Broadway.

Machinery & Equipment Corp. To Move August 15

After August 15 the Machinery & Equipment Corporation, now at 59 East Fourth street, will occupy its own building containing over 16,000 sq. ft., at 533 West Broadway, New York.

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Detailed information gladly supplied
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PRODUCTS CORPORATION
215 PEARL ST., NEW YORK

Business Wants

—Continued from page 61

Positions Wanted

PRODUCTION CHEMIST, 21 years' experience. Can make pure thioglycolic acid, ammonium thioglycolate, also calcium salt, in any quantity needed. Can build you complete plant, or operate and improve your present one. Will work on consulting basis, or take steady position. Am not working at war work. Draft exempt. Will go anywhere. BOX 255, Oil, Paint and Drug Reporter.

CHEMIST, practical manufacturing, age 30, formerly officer in large export chemical house in charge of domestic and foreign sales, and with extensive manufacturing experience, desires position utilizing either or both export and manufacturing experience. Knowledge Spanish, French and Portuguese. BOX 259, Oil, Paint and Drug Reporter.

Products Wanted

SUCCESSFUL CONCERN, with extensive sales outlets in the pharmaceutical laboratory field, seeks additional products for national distribution. Will only consider products that are worth while. Give full details in strict confidence. BOX 252, Oil, Paint and Drug Reporter.

OLD ESTABLISHED firm, medium size, manufacturing chemicals and specialties, having plants with railroad sidings in east and middlewest, interested in manufacturing additional products, bulk products preferred. Plants have large mixing and storage facilities. BOX 263, Oil, Paint and Drug Reporter.

Botanical Drugs

—Continued from page 54

Fenugreek.—Domestic seed reported higher at 18¼c. to 18¾c. per pound, and offered only in a limited way.

Spices

Cassia. — WPB representative says this item is in a critical position with stocks depleted and none in sight. New York dealers say their market cleared stocks months ago.

Ginger. — Unbleached Cochin advanced to 27c. to 27½c. per pound. Calicut moved higher again, now standing at 26½c. to 27c. No. 2 Jamaica advance extended, reaching 27½c. to 28c. No. 3 has gone up to 27c. to 27½c. WPB representative says stocks are fair and carry 100 percent of past use in the present allotment provision. Dealers here say it is very hard to get spot delivery material.

Nutmegs.—Some East India 110's reappeared on the market at 51c. to 52c.

Peppers.—Some new varieties of chillies were offered. Congos were named at 25c. to 26c. per pound, and washed Unganda at 21c. to 21½c. Mombassa was lower at 21c. to 21½c. Domestic Carolina longs held at 28c. to 28½c.

Pimento. — Fractionally higher at 22¼c. to 22¾c. per pound.

Recent Imports

All matter under this head fully protected by copyright

ALOES—2 cs, Peek & Velsor
2 crts, S B Penick & Co
3 cs, S B Penick & Co
ARROWROOT FLOUR—1,000 bgs, United States Commercial Co
ASBESTOS—800 bls, United States Commercial Co
ASPHALT, LAKE—247 dms, Barber Asphalt Co
REFINED—1,269 bbls, Barber Asphalt Co
BABASSU KERNELS—1,200 bgs, 158,721 lbs, General Food Corp
BANANA, FLAKE—1,000 cs, Kennengiesser & Co
PASTE—100 cs, Kannengiesser & Co
BARBASCO ROOT—53 bls, United States Commercial Co
BLOOD, DRIED—1,000 bgs, Charles Hollinshed & Co
BONES, INDUSTRIAL—1,425 bgs, 142,500 lbs, Charles Hollinshed & Co
REJECT—1,081 bgs, 180,100 lbs, Armour & Co
1,207 bgs, 120,700 lbs, International Commercial Co
SHIN, FLAT—100 bgs, 10,000 lbs, Charles Hollinshed & Co
400 bgs, 40,000 lbs, Armour & Co
SHIN, ROUND—176 bgs, 17,600 lbs, Charles Hollinshed & Co
600 bgs, 60,000 lbs, Armour & Co
BRISTLES—15 cs, H Rosenhirsch & Co
35 cs, Corn Exchange Bank & Trust Co
20 cs, Sterling Bank & Trust Co
8 cs, Public National Bank & Trust Co
10 cs, Royal Bank of Canada
15 cs, Tradesman National Bank & Trust Co
16 cs, Chase National Bank & Trust Co
BUCHU LEAVES—2 bls, R J Prentiss & Co
2 bls, Eli Lilly & Co
8 bls, S B Penick & Co
2 bls, Parke, Davis & Co
50 bls, National City Bank
1 bl, Allaire, Woodward & Co
CAFFEINE, ANHYD—37 bls, Lo Curto & Funk
COCOA BEANS—500 bgs, 100,000 lbs, General Cocoa Co
400 bgs, 80,000 lbs, A C Israel Commodity Co
COTTONSEED MEAL—11,038 bgs, 1,103,800 lbs
GLUESTOCK—5 bls, J Gorvess Co
GLYCERIN—86 dms, International Commercial Co
18 dms, Commodity Credit Co
GRAPHITE—9,475 bgs
GUM, PERILLO—80 bgs, H A Astlett & Co
HAIR, EAR—1 cs, Armour & Co
HORSE TAIL—20 cs, Hair & Fiber Supply Co
LINSEED MEAL—20,198 bgs, Wessel, Duval & Co
MANGROVE BARK—808 bgs, Saxe Cutch Corp
MENTHOL—45 cs, Brown Williamson Tobacco Co
4 cs, Chase National Bank
12 cs, S B Penick & Co
40 cs, Republic Trading Co
30 cs, Chemical Bank & Trust Co
18 cs, McKesson & Robbins
22 cs, Vick Chemical Co
25 cs, Paul A Dunkel & Co
15 cs, Bank of Manhattan
5 cs, National City Bank
NUTMEGS—100 bgs, Thomas Scott & Co
20 bgs, Middleton & Co
OIL, BERGAMOT—15 cs, National City Bank
CINNAMON LEAF—1 dm, Murphy & Beese
CITRONELLA—1 dm, Murphy & Beese
2 dms, Norda Essential Oil & Chemical Co
1 dm, Geo Lueders & Co
4 dms, Magnus, Mabee & Reynard
2 dms, Colgate-Palmolive-Peet Co
2 dms, Fritzsche Bros
1 dm, Dodge & Olcott Co
2 dms, P R Dreyer
CODLIVER—221 dms, Upjohn Co
25 bbls, T Solocum
3 bbls, United States Vitamin Co
760 dms, American Shipping Co
LIME—12 cs, 420 lbs, Orbis Product Corp
NEROLI—15 cs, S B Penick & Co
ORANGE—30 cs, Magnus, Mabee & Reynard
30 cs, Continental Bank & Trust Co
30 cs, Kachurin Drug Co
PALM—1,157,157 kilos, Balfour, Guthrie & Co
PEPPERMINT—6 cs, Canadian Bank of Commerce
PETITGRAIN—30 dms, Guaranty Trust Co
SASSAFRAS—75 cs, Magnus, Mabee & Reynard
PALM KERNELS—7,420 bgs, Balfour, Guthrie & Co
QUEBRACHO EXTRACT—10,000 bgs, 1,200,000 lbs, International Product Corp
20,253 bgs, 2,429,360 lbs, Tannin Product Export Co
6,241 bgs, 748,920 lbs, American Tanners, Ltd
2,115 bgs, 253,800 lbs, Barkey Importing Co
4,043 bgs, 485,160 lbs, Continental Grain Co
SODA, HYPOSULPHITE—1 cs, S B Penick & Co
TAMARINDS—100 bbls, H J Heinz Co
25 bbls, Lea & Perrins
TANKAGE—2,080 bgs, International Commercial Co
3,150 bgs, Charles Hollinshed & Co
LIVER—300 bgs, Armour & Co
LIVER & GLANDULAR—2,000 bgs, International Commercial Co
TUCUM KERNELS—1,538 bgs, 220,460 lbs, General Foods Corp
VANILLA BEANS—6 cs, Zink & Triest

A.B. Grafius Retires

A. B. Grafius has retired as vice-president of the Coronet Phosphate Company after twenty-seven years of service. He will continue to act as a director of the company.

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GUM EGYPTIAN
GUM LOCUST (Carob Flour)
QUINCE SEED
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SPECIALTIES:
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Effective April 6, Allocation Order M-25 has been revoked and hexamethylenetetramine has been placed under General Allocation Order M-300 as an appendix A material subject to schedule No. 10. The new order still permits purchases under "Small Order Exemption" of quantities up to 10,000 lbs. of formaldehyde, 3,000 lbs. paraformaldehyde and 10,000 lbs. hexamethylenetetramine in any calendar month. These quantities can be obtained without application to WPB.

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